

---31-050-26 W4M

Well Number 00369

Well Owner: **Makepeace, T.**

Elevation (AMSL) (m): **639**

AEP: **283418**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,339.89**

Date Started:

Northing: **5,910,355.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Bored**  
Well Use: **Domestic**  
Completed Depth **15.2** (m)  
NPWL (m): **6.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**EH 32-050-26 W4M**

Well Number **00374**

Well Owner: **Shearer Properties Ltd**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **637**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283423**  
 Easting: **82,369.85**  
 Northing: **5,910,418.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

11-35-050-26 W4M

Well Number 00381

Well Owner: **Block**

Elevation (AMSL) (m): **644**

AEP: **283430**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **86,336.48**

Date Started:

Northing: **5,911,293.00**

Date Completed:

**General:**  
 Type of Work: **Federal Well Survey**  
 Drilling Method: **Bored**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **15.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

13-35-050-26 W4M

Well Number 00382

Well Owner: **Lions Club Campsite**

Elevation (AMSL) (m): **634**

AEP: **283431**

Drilling Contractor: *Mcauley Drilling Co. Ltd.*

Licence No.:

Easting: **86,320.05**

Date Started:

Northing: **5,911,290.00**

Date Completed: **01 Jun 61**

**General:**

Type of Work: **Well Inventory**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **8.2** Bottom (m): **8.2**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **300.0**  
 Level End (m): **9.1** Drawdown (m): **5.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	633.8	Clay Gray
4.3	630.1	Sand & Coal
7.3	627.1	Gravel
14.6	619.8	Shale Soft Gray
18.3	616.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

05-28-050-27 W4M

Well Number 00583

Well Owner: Pacific Petrol #St7

Elevation (AMSL) (m): 637

AEP: 283892

Drilling Contractor: Sedco Drilling/Bow Valley Resource Servi

Licence No.:

Easting: 73,251.84

Date Started:

Northing: 5,908,402.41

Date Completed: 18 Oct 55

**General:**

Type of Work: Structure Test Hole

Drilling Method: Unknown

Well Use: Industrial

Completed Depth 301.7 (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: 1.000H  
AEP Data: **Yes** Well Field Verified: **No**

12-29-050-27 W4M

Well Number 00584

Well Owner: Pacific Petrol #St6

Elevation (AMSL) (m): 697

AEP: 283895

Drilling Contractor: Sedco Drilling/Bow Valley Resource Servi

Licence No.:

Easting: 71,650.15

Date Started:

Northing: 5,908,789.90

Date Completed: 16 Oct 55

**General:**

Type of Work: Structure Test Hole

Drilling Method: Unknown

Well Use: Industrial

Completed Depth 303.3 (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: 1.000H
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

07-29-050-27 W4M

Well Number 00585

Well Owner: **Wurban, H.**

Elevation (AMSL) (m): **701**

AEP: **283894**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **72,584.51**

Date Started:

Northing: **5,908,633.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

13-30-050-27 W4M

Well Number 00586

Well Owner: **Goebel**

Elevation (AMSL) (m): **701**

AEP: **283904**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **70,099.07**

Date Started:

Northing: **5,909,532.00**

Date Completed:

**General:**

Type of Work: **Federal Well Survey**

Drilling Method: **Hand Dug**

Well Use: **Stock**

Completed Depth **6.1** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**



13-30-050-27 W4M

Well Number 00587

Well Owner: **Goebel**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283907**  
 Easting: **70,099.07**  
 Northing: **5,909,532.00**

**General:**  
 Type of Work: **Federal Well Survey**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **8.5** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-30-050-27 W4M

Well Number 00588

Well Owner: **Goebel**

Elevation (AMSL) (m): **701**

AEP: **283906**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **70,099.07**

Date Started:

Northing: **5,909,532.00**

Date Completed:

**General:**

Type of Work: **Federal Well Survey**  
Drilling Method: **Bored**  
Well Use: **Stock**  
Completed Depth **17.7** (m)  
NPWL (m): **11.6** Verified NPWL (m):

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

08-30-050-27 W4M

Well Number 00589

Well Owner: **Pike**

Elevation (AMSL) (m): **700**

AEP: **283896**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **71,418.98**

Date Started:

Northing: **5,908,641.00**

Date Completed: **29 Sep 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **17.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **74.7** Bottom (m): **74.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): **73.2** to **74.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **72.5**

**Testing:**

Rate (lpm): **17.1** Time (minute): **420.0**  
 Level End (m): **61.9** Drawdown (m): **44.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.5	698.2	Sand
3.1	696.7	Clay
4.0	695.7	Sandstone Hard
10.7	689.0	Sandstone
16.5	683.2	Clay
18.6	681.1	Sandstone
21.9	677.8	Shale
22.6	677.2	Sandstone
25.3	674.4	Shale
29.6	670.1	Sandstone
36.0	663.7	Shale
36.9	662.8	Sandstone
39.9	659.8	Shale
40.8	658.9	Sandstone Hard
44.2	655.5	Sandstone
47.6	652.2	Shale
49.4	650.3	Sandstone
50.3	649.4	Shale
50.9	648.8	Sandstone
62.5	637.2	Shale
63.7	636.0	Sandstone
64.9	634.8	Shale
84.1	615.6	Coal
85.3	614.4	Shale
91.4	608.3	Sandstone & Coal
93.0	606.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-30-050-27 W4M

Well Number 00590

Well Owner: **Texaco Canada #Sp89a**

Elevation (AMSL) (m): **700**

AEP: **283910**

Drilling Contractor: *Other*

Licence No.:

Easting: **71,222.00**

Date Started:

Northing: **5,909,203.85**

Date Completed: **16 Mar 55**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plugged**                      **16 Mar 55**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	692.7	Clay
18.3	682.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 30-050-27 W4M**

Well Number **00591**

Well Owner: **Ritter, Harold**

Elevation (AMSL) (m): **706**

AEP: **153973**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,652.93**

Date Started: **03 Dec 90**

Northing: **5,909,515.50**

Date Completed: **04 Dec 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.0**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **21.9** Bottom (m): **46.0**  
 Perforated How:  
 from (m): **21.9** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	699.8			Clay Yellow
7.3	699.2			Stones
9.8	696.7			Clay Yellow
15.2	691.2			Shale Green
18.3	688.2			Shale Sandy Gray
21.3	685.1			Shale Green
22.9	683.6			Shale Sandy Gray
25.9	680.6			Shale Green
29.0	677.5			Shale Sandy Gray
30.5	676.0			Shale Green
34.4	672.0			Shale Sandy Gray
36.6	669.9			Shale Green
46.9	659.5			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-050-27 W4M**

Well Number **00592**

Well Owner: **Ritter, Martin**  
 Drilling Contractor: *Schellenberger M*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed: **22 Jun 64**  
 AEP: **283908**  
 Easting: **70,652.93**  
 Northing: **5,909,515.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.7	702.8		Sand
7.6	698.9		Clay
15.9	690.6		Shale
17.7	688.8		Sandstone
29.9	676.6		Shale
31.7	674.8		Sandstone
32.3	674.2		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-050-27 W4M**

Well Number **00593**

Well Owner: **Ritter, H.A.**

Elevation (AMSL) (m): **701**

AEP: **283902**

Drilling Contractor: *Schellenberger M*

Licence No.:

Easting: **70,107.71**

Date Started:

Northing: **5,909,537.50**

Date Completed: **29 May 61**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.9** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **10.7** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
4.6	696.5	Sand
13.7	687.3	Clay
17.7	683.3	Sand
18.9	682.1	Clay
29.9	671.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-050-27 W4M**

Well Number **00594**

Well Owner: **Learning, Bill**

Elevation (AMSL) (m): **699**

AEP: **169971**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **71,087.55**

Date Started: **04 Nov 92**

Northing: **5,908,327.00**

Date Completed: **04 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **13.4** Bottom (m): **13.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to **12.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.7** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **24.4** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **24.4**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.9	690.8	Gravel & Boulders
10.7	688.0	Clay & Rocks
11.3	687.4	Shale Brown
15.2	683.4	Sandstone
19.2	679.5	Shale Blue
20.7	678.0	Sandstone
25.0	673.7	Shale Gray
25.6	673.1	Sandstone
27.7	670.9	Shale Gray
29.0	669.7	Sandstone
35.7	663.0	Shale
36.9	661.8	Sandstone
38.1	660.6	Shale
40.2	658.5	Sandstone
42.7	656.0	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 30-050-27 W4M**

Well Number **00595**

Well Owner: **Learning, Wm.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168083**  
 Easting: **71,089.04**  
 Northing: **5,908,319.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 30-050-27 W4M**

Well Number **00596**

Well Owner: **Owens, A.H.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283901**  
 Easting: **71,065.17**  
 Northing: **5,908,425.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **6.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**15-31-050-27 W4M**

Well Number **00597**

Well Owner: **Alta Env #0873e**

Elevation (AMSL) (m): **704**

AEP: **240573**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **70,864.60**

Date Started:

Northing: **5,911,003.00**

Date Completed: **03 Oct 72**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	702.5			Clay Silty Light Yellow
3.1	701.0			Clay Sandy Greenish Gray
4.6	699.4			Silt Light Green
6.1	697.9			Siltstone Light Green
9.1	694.9			Sandstone Fine Grained White
10.7	693.3			Siltstone White
13.7	690.3			Siltstone & Sandstone White
15.2	688.8			Sandstone White
18.3	685.7			Siltstone & Sandstone White
19.8	684.2			Sandstone White
22.9	681.2			Siltstone & Sandstone White
25.3	678.7			Sandstone Medium Grained White
27.7	676.3			Siltstone White
29.0	675.1			Sandstone White
33.5	670.5			Siltstone & Sandstone White

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

15-31-050-27 W4M

Well Number 00598

Well Owner: **Miller, John**

Elevation (AMSL) (m): **704**

AEP: **283925**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **70,851.84**

Date Started:

Northing: **5,911,004.50**

Date Completed: **05 Sep 58**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.3** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **76.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	702.2	Sand
5.2	698.8	Clay
9.4	694.6	Clay Sandy
10.1	693.9	Rocks
17.4	686.6	Clay Sandy
25.3	678.7	Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**14-31-050-27 W4M**

Well Number **00599**

Well Owner: **Nixon, Ken**

Elevation (AMSL) (m): **704**

AEP: **283924**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,187.34**

Date Started: **09 Jul 82**

Northing: **5,910,855.00**

Date Completed: **13 Jul 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **12.2** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **7.6**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	696.0	Clay Sandy
7.9	695.7	Sand & Gravel
12.5	691.1	Shale
15.9	687.8	Sandstone
16.8	686.9	Shale
18.3	685.3	Sandstone
29.9	673.8	Shale
33.8	669.8	Sandstone
35.4	668.3	Shale
35.7	668.0	Sandstone
36.6	667.1	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 31-050-27 W4M**

Well Number **00600**

Well Owner: **Giese, W.**

Elevation (AMSL) (m): **703**

AEP: **283913**

Drilling Contractor: *Schellenberger M*

Licence No.:

Easting: **70,184.39**

Date Started:

Northing: **5,910,841.00**

Date Completed: **27 Jul 63**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Jet**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): **73.2** Drawdown (m): **66.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
2.4	701.0		Sand
6.7	696.8		Clay
9.1	694.3		Sand
11.6	691.9		Clay
71.9	631.5		Shale
73.2	630.3		Sandstone
74.7	628.8		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 31-050-27 W4M**

Well Number **00601**

Well Owner: **Gron, Med**

Elevation (AMSL) (m): **703**

AEP: **283915**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **70,184.39**

Date Started: **14 Jun 78**

Northing: **5,910,841.00**

Date Completed: **15 Jun 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **45.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **70.1**  
 Perforated How: **Torch**  
 from (m): **47.2** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	696.8	Clay & Coal
7.3	696.2	Clay & Rocks Sandy
10.7	692.8	Shale Green
11.3	692.2	Sandstone Soft Gray
49.4	654.1	Shale & Sandstone Greenish Gr
54.3	649.2	Sandstone Soft Gray
63.4	640.1	Shale & Sandstone Soft Gray
70.1	633.4	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 31-050-27 W4M**

Well Number **00602**

Well Owner: **Unguran, Wayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283916**  
 Easting: **70,184.39**  
 Northing: **5,910,841.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 31-050-27 W4M**

Well Number **00603**

Well Owner: **Giese, Harvey**

Elevation (AMSL) (m): **705**

AEP: **283911**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,295.46**

Date Started: **29 Sep 84**

Northing: **5,910,023.50**

Date Completed: **01 Oct 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **21.0** Bottom (m): **21.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **21.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **21.0** Bottom (m): **46.0**  
 Perforated How: **Machine**  
 from (m): **21.0** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.8	695.0			Clay Soft Yellow
12.5	692.2			Clay Blue
14.3	690.4			Shale Greenish Gray
20.7	684.0			Sandstone
22.3	682.5			Shale Green
29.3	675.5			Shale Sandy Gray
34.4	670.3			Sandstone
36.0	668.8			Shale Brittle Green
44.8	659.9			Sandstone
46.9	657.8			Shale Brittle Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

13-32-050-27 W4M

Well Number 00604

Well Owner: **Gehlert, S.**

Elevation (AMSL) (m): **704**

AEP: **283939**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **71,564.00**

Date Started:

Northing: **5,911,114.50**

Date Completed:

**General:**  
 Type of Work: **Federal Well Survey**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic & Stock**  
 Completed Depth **6.1** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

14-32-050-27 W4M

Well Number 00605

Well Owner: **Hemsing Drilling**

Elevation (AMSL) (m): **703**

AEP: **283940**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,998.51**

Date Started: **10 Jun 85**

Northing: **5,911,190.50**

Date Completed: **10 Jun 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **18.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	699.0	Clay Yellow
5.5	697.5	Sand & Coal
9.8	693.3	Clay Blue
11.9	691.1	Clay & Rocks Blue
12.2	690.8	Stones
15.5	687.5	Clay & Rocks Blue
15.9	687.2	Stones
18.3	684.7	Clay Hard Blue
20.7	682.3	Shale Green
21.9	681.1	Shale Sandy Gray
22.9	680.1	Shale Green
29.0	674.1	Shale Sandy Gray
33.2	669.8	Shale Green
34.4	668.6	Shale Sandy Gray
36.6	666.4	Shale Green
43.6	659.4	Shale Sandy Gray
55.2	647.8	Shale Green
65.2	637.8	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

03-32-050-27 W4M

Well Number 00606

Well Owner: **Pacific Petrol #St8a**

Elevation (AMSL) (m): **701**

AEP: **283934**

Drilling Contractor: *Sedco Drilling/Bow Valley Resource Servi*

Licence No.:

Easting: **72,044.46**

Date Started:

Northing: **5,909,634.21**

Date Completed: **22 Oct 55**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **299.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 32-050-27 W4M**

Well Number **00607**

Well Owner: **Gehlert, Ted**

Elevation (AMSL) (m): **704**

AEP: **283942**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **72,426.05**

Date Started:

Northing: **5,911,173.00**

Date Completed: **02 Aug 68**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **59.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **470.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	699.9	Clay Yellow
4.9	698.9	Sand Yellow
16.8	687.1	Clay Blue
18.3	685.5	Shale Gray
21.3	682.5	Shale Hard Green
23.8	680.1	Shale Green
24.7	679.1	Shale Hard Green
28.7	675.2	Sand & Shale Water Bearing Gra
39.0	664.8	Shale Green
40.5	663.3	Sand & Shale Water Bearing Gra
48.8	655.1	Shale Gray
59.7	644.1	Sand & Shale Water Bearing Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 32-050-27 W4M**

Well Number **00608**

Well Owner: **Gehlert, Ted**

Elevation (AMSL) (m): **704**

AEP: **283946**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **72,410.11**

Date Started: **19 Sep 88**

Northing: **5,911,173.00**

Date Completed: **21 Sep 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.9**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **18.0** Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **18.9** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **53.3**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	701.2	Clay Brown
6.7	697.3	Sand
16.5	687.5	Clay Gray
18.9	685.1	Shale Green
21.9	682.0	Sandstone Water Bearing
25.3	678.7	Shale Green
27.7	676.2	Sandstone Water Bearing
40.8	663.1	Shale Greenish Gray
41.8	662.2	Sandstone Fine Grained
49.1	654.9	Shale
51.5	652.5	Sandstone Water Bearing
53.3	650.6	Shale
59.1	644.9	Sandstone Water Bearing
60.4	643.6	Shale
62.5	641.5	Sandstone Water Bearing
64.6	639.4	Shale
64.9	639.1	Coal Water Bearing
73.8	630.2	Shale
75.3	628.7	Sandstone Water Bearing
76.8	627.2	Shale
78.0	626.0	Coal Water Bearing
79.2	624.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-050-27 W4M**

Well Number **00609**

Well Owner: **Gehlert, Norman**

Elevation (AMSL) (m): **704**

AEP: **283936**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,560.73**

Date Started: **16 Aug 77**

Northing: **5,911,092.00**

Date Completed: **17 Aug 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **16.1** Bottom (m): **16.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **16.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **50.6**  
 Perforated How: **Torch**  
 from (m): **16.1** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **21.3**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	699.4	Clay Yellow
7.6	696.4	Clay Blue
9.1	694.9	Gravel
14.9	689.1	Clay Blue
16.5	687.5	Shale Greenish Gray
18.6	685.4	Shale Sandy Gray
19.8	684.2	Shale Gray
23.8	680.2	Shale Sandy Gray
25.3	678.7	Shale Brittle Green
28.7	675.4	Shale Sandy Gray
30.8	673.2	Shale Green
34.4	669.6	Shale Sandy Gray
36.0	668.0	Shale Green
37.8	666.2	Shale Sandy Gray
38.4	665.6	Shale Gray
39.6	664.4	Shale Sandy Gray
40.2	663.8	Shale Green
41.5	662.6	Shale Gray
45.4	658.6	Shale Sandy Gray
46.0	658.0	Shale Green
49.4	654.6	Shale Sandy Gray
51.5	652.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-050-27 W4M**

Well Number **00610**

Well Owner: **Miller, Erwin**  
 Drilling Contractor: *Schellenberger M*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed: **04 Jun 60**  
 AEP: **283927**  
 Easting: **72,257.24**  
 Northing: **5,909,915.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.7** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): Bottom (m):  
 OD (mm): **76.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **240.0**  
 Level End (m): **25.0** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	700.1	Clay
4.9	698.2	Sand
12.8	690.3	Clay & Rocks
13.7	689.4	Sand
16.8	686.4	Clay
18.9	684.2	Sand
20.4	682.7	Clay
37.2	665.9	Shale
38.1	665.0	Sandstone
38.7	664.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 32-050-27 W4M**

Well Number **00611**

Well Owner: **Miller, Tery**

Elevation (AMSL) (m): **703**

AEP: **283928**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **72,257.24**

Date Started: **30 Jun 77**

Northing: **5,909,915.50**

Date Completed: **09 Jul 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **31.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **51.2**  
 Perforated How: **Torch**  
 from (m): **31.7** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	700.1	Clay
4.3	698.8	Till
12.2	690.9	Sand
15.2	687.9	Till Sandy
19.5	683.6	Shale Green
20.7	682.4	Till & Rocks
22.9	680.3	Shale Green
25.9	677.2	Till
27.1	676.0	Till & Rocks
27.7	675.4	Shale Green
28.4	674.8	Shale Soft Green
29.3	673.9	Shale Gray
30.5	672.6	Shale & Coal Green
32.6	670.5	Sandstone Soft Gray
41.2	662.0	Shale & Coal Green
45.1	658.0	Sandstone Soft Gray
49.7	653.4	Sandstone
52.7	650.4	Shale Hard Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 32-050-27 W4M**

Well Number **00612**

Well Owner: **Delanc, Morgan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283932**  
 Easting: **71,450.27**  
 Northing: **5,909,907.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-050-27 W4M**

Well Number **00613**

Well Owner: **Giese, William**  
 Drilling Contractor: *Schellenberger M*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed: **16 Jul 63**

AEP: **283930**  
 Easting: **71,450.27**  
 Northing: **5,909,907.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **76.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Cylinder**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
10.7	693.6		Clay
18.3	686.0		Sand
34.1	670.1		Shale
36.9	667.4		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

---33-050-27 W4M

Well Number 00614

Well Owner: **Chipiuk, Fred**

Elevation (AMSL) (m): **701**

AEP: **283953**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **73,585.07**

Date Started:

Northing: **5,910,291.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**16-33-050-27 W4M**

Well Number **00615**

Well Owner: **Gehlert, Ernie**

Elevation (AMSL) (m): **700**

AEP: **283951**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **74,403.59**

Date Started: **23 Mar 83**

Northing: **5,911,085.00**

Date Completed: **24 Mar 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **29.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **29.6** Bottom (m): **55.2**  
 Perforated How: **Torch**  
 from (m): **29.6** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	692.6	Clay Sandy Yellow
11.3	688.6	Clay Blue
16.5	683.4	Clay & Coal Blue
24.4	675.5	Clay & Rocks Blue
24.7	675.2	Formation Hard
29.0	670.9	Clay Blue
30.2	669.7	Shale Greenish Gray
33.5	666.3	Shale Sandy Gray
37.8	662.1	Shale Sandy Green
39.0	660.9	Shale Soft Light Gray
41.2	658.7	Shale Sandy Gray
43.0	656.9	Shale Green
43.3	656.6	Shale Sandy Gray
46.9	652.9	Shale Greenish Gray
48.8	651.1	Shale Sandy Gray
50.3	649.6	Shale Green
52.1	647.8	Shale Sandy Gray
53.0	646.8	Shale Green
53.6	646.2	Shale Sandy Gray
54.0	645.9	Sandstone
56.1	643.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 33-050-27 W4M**

Well Number **00616**

Well Owner: **Gehlert, Ernie**  
 Drilling Contractor: *Schellenberger M*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed: **05 Jun 62**

AEP: **283948**  
 Easting: **73,988.84**  
 Northing: **5,911,109.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **76.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jet**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **240.0**  
 Level End (m): **48.8** Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	696.2	Sand	
10.7	690.1	Clay	
14.6	686.1	Sand	
18.3	682.5	Clay	
24.4	676.4	Sand	
26.8	673.9	Clay	
54.9	645.9	Shale	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-050-27 W4M**

Well Number **00617**

Well Owner: **Riverside Farms**

Elevation (AMSL) (m): **705**

AEP: **158927**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **73,549.19**

Date Started: **07 Aug 91**

Northing: **5,911,123.50**

Date Completed: **08 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **46.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.6** Bottom (m): **58.5**  
 Perforated How: **Machine**  
 from (m): **43.6** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	698.0	Clay Sandy Yellow
12.2	692.6	Sand
35.0	669.7	Clay Blue
42.1	662.7	Sand
44.2	660.6	Clay & Rocks Blue
45.1	659.6	Shale Light Gray
46.6	658.1	Shale Sandy Gray
47.9	656.9	Shale Green
56.4	648.4	Shale Sandy Gray
59.4	645.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-050-27 W4M**

Well Number **00618**

Well Owner: **Hennig, Randy/Lois**

Elevation (AMSL) (m): **706**

AEP: **235921**

Licence No.:

Easting: **75,676.88**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **28 Jan 94**

Northing: **5,911,196.50**

Date Completed: **31 Jan 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **60.4** (m)  
 NPWL (m): **16.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **29.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **60.4**  
 Perforated How: **Machine**  
 from (m): **39.6** to **42.7** Size:  
 from (m): **53.3** to **59.4** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **56.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **41.8** Drawdown (m): **24.7**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.8	693.0			Sand Brown
21.9	683.8			Clay
22.6	683.2			Rocks
23.2	682.6			Clay
25.0	680.8			Sand & Shale Green
29.3	676.5			Shale Gray
32.3	673.5			Siltstone & Sandstone
37.2	668.6			Shale
38.4	667.4			Siltstone & Sandstone
39.0	666.8			Shale
41.2	664.6			Siltstone & Sandstone
42.4	663.4			Shale
43.3	662.5			Sandstone
52.4	653.4			Shale
56.7	649.1			Siltstone
59.4	646.4			Sandstone
60.4	645.4			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 34-050-27 W4M**

Well Number **00619**

Well Owner: **Williams, J.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283957**  
 Easting: **75,676.88**  
 Northing: **5,911,196.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 34-050-27 W4M**

Well Number **00620**

Well Owner: **Nonay, Ron**

Elevation (AMSL) (m): **701**

AEP: **283954**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **74,757.02**

Date Started:

Northing: **5,910,779.00**

Date Completed: **01 Jul 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **67.1**  
 Perforated How:  
 from (m): **48.8** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
36.6	664.8	Unknown
44.2	657.2	Shale
48.8	652.6	Shale Greenish Gray
50.3	651.1	Shale Dark
50.9	650.5	Coal
53.3	648.0	Shale Light Brown
57.9	643.5	Sandstone Hard
65.5	635.8	Sandstone Medium Grained
67.1	634.3	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-050-27 W4M**

Well Number **00621**

Well Owner: **Phillips, Raymond**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283956**  
 Easting: **74,757.02**  
 Northing: **5,910,779.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **87.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

14-35-050-27 W4M

Well Number 00622

Well Owner:  
Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): 702  
Licence No.:  
Date Started:  
Date Completed:

AEP: 283980  
Easting: 76,864.11  
Northing: 5,911,180.50

**General:**  
 Type of Work: **Federal Well Survey**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **7.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

05-35-050-27 W4M

Well Number 00623

Well Owner: **Minchau, A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **640**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283958**  
 Easting: **76,493.05**  
 Northing: **5,910,068.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**NE 35-050-27 W4M**

Well Number **00625**

Well Owner: **Patterson, Chris**

Elevation (AMSL) (m): **699**

AEP: **152390**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,770.08**

Date Started: **18 Jun 90**

Northing: **5,911,179.50**

Date Completed: **20 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **86.9** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **23.8** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **86.0**  
 Perforated How: **Machine**  
 from (m): **23.8** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.7	695.8	Clay Yellow
6.4	693.0	Gravel
8.2	691.2	Clay Blue
16.1	683.3	Shale Green
18.9	680.5	Shale Sandy Gray
20.4	679.0	Shale Green
25.3	674.1	Shale Gray
30.5	669.0	Shale Sandy Gray
38.4	661.0	Shale Gray
40.2	659.2	Shale & Coal Brown
41.8	657.7	Shale Gray
46.3	653.1	Shale Sandy Gray
52.1	647.3	Shale Gray
55.5	644.0	Shale Sandy Gray
61.6	637.9	Shale Gray
64.9	634.5	Shale Sandy Gray
66.1	633.3	Shale & Coal Brown
75.3	624.2	Shale Gray
83.2	616.2	Shale Sandy Gray
84.1	615.3	Sandstone
86.9	612.6	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-050-27 W4M**

Well Number **00626**

Well Owner: **Van Stolk, Jan**

Elevation (AMSL) (m): **699**

AEP: **283981**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,771.57**

Date Started: **14 Jul 76**

Northing: **5,911,166.00**

Date Completed: **15 Jul 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **11.6** Bottom (m): **11.6**  
 OD (mm): **1412.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **11.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **11.6** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	694.7	Clay Yellow
9.1	690.2	Clay Blue
10.4	688.9	Stones
12.2	687.1	Shale Green
19.5	679.8	Shale Sandy Gray
21.3	678.0	Shale Brittle Green
23.5	675.8	Shale Sandy Gray
24.7	674.6	Shale Green
25.9	673.4	Shale Sandy Gray
26.2	673.1	Shale Gray
28.0	671.3	Shale Sandy Gray
32.9	666.4	Shale Green
35.4	663.9	Shale Sandy Gray
39.3	660.0	Shale Gray
42.1	657.2	Shale Sandy Gray
46.9	652.4	Shale Brownish Gray
48.8	650.5	Shale Gray
50.0	649.3	Coal
51.8	647.5	Shale Gray
54.9	644.4	Shale Brown
56.1	643.2	Soapstone
57.9	641.4	Shale Gray
60.0	639.3	Shale Brown
62.2	637.1	Shale Sandy Gray
63.1	636.2	Shale Gray
65.2	634.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



13-36-050-27 W4M

Well Number 00627

Well Owner: **Sherwood**

Elevation (AMSL) (m): **700**

AEP: **283988**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **77,890.40**

Date Started:

Northing: **5,911,243.50**

Date Completed:

**General:**

Type of Work: **Federal Well Survey**  
Drilling Method: **Unknown**  
Well Use: **Domestic & Stock**  
Completed Depth **7.9** (m)  
NPWL (m): **4.6** Verified NPWL (m):

Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NW 36-050-27 W4M**

Well Number **00629**

Well Owner: **Burn, J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **635**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **283986**  
 Easting: **78,309.49**  
 Northing: **5,910,731.38**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 36-050-27 W4M**

Well Number **00630**

Well Owner: **Burn, Jim**

Elevation (AMSL) (m): **700**

AEP: **283985**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,885.30**

Date Started: **23 Jun 75**

Northing: **5,911,255.50**

Date Completed: **26 Jun 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **69.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **68.9**  
 Perforated How: **Torch**  
 from (m): **13.7** to **68.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	695.6	Clay Yellow
10.4	689.8	Clay Blue
12.5	687.6	Shale Greenish Gray
19.2	680.9	Shale Sandy Gray
22.9	677.3	Shale Greenish Gray
25.6	674.5	Shale Sandy Gray
26.5	673.6	Shale Gray
29.6	670.6	Shale Brittle Gray
31.1	669.0	Shale Sandy Gray
33.8	666.3	Shale Gray
37.2	663.0	Shale Sandy Gray
38.1	662.0	Shale & Coal Brown
43.0	657.2	Shale Brittle Gray
46.0	654.1	Shale Brownish Gray
46.9	653.2	Coal
54.0	646.2	Shale Brittle Greenish Gray
56.7	643.4	Shale Dark
57.6	642.5	Shale Sandy Gray
59.7	640.4	Shale Gray
60.7	639.5	Shale Sandy Gray
62.5	637.7	Shale & Coal Brownish Gray
64.0	636.1	Shale Sandy Gray
64.9	635.2	Shale Gray
65.8	634.3	Coal
67.1	633.1	Shale Gray
68.3	631.9	Sand & Coal
69.5	630.6	Shale Gray
69.8	630.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

10-07-051-25 W4M

Well Number 00717

Well Owner: **Central Leduc Oil Co**

Elevation (AMSL) (m): **694**

AEP: **280397**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **88,228.61**

Date Started:

Northing: **5,913,929.03**

Date Completed: **11 Mar 48**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **1283.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 08-051-25 W4M**

Well Number **00718**

Well Owner: **Buhler, Linda**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **691**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163321**  
 Easting: **89,295.26**  
 Northing: **5,914,430.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-051-25 W4M**

Well Number **00719**

Well Owner: **Warner, Irma & Terry**

Elevation (AMSL) (m): **691**

AEP: **156618**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **89,299.96**

Date Started:

Northing: **5,914,418.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **14.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-051-25 W4M**

Well Number **00726**

Well Owner: **Engley, Ray**

Elevation (AMSL) (m): **697**

AEP: **154567**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **88,396.50**

Date Started: **12 Jul 90**

Northing: **5,915,219.50**

Date Completed: **13 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **9.8** to **10.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **21.3** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	690.7	Sand Gray
7.0	690.1	Clay Brown
10.4	686.8	Sand Water Bearing Black
16.8	680.4	Clay Black
21.3	675.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-051-25 W4M**

Well Number **00728**

Well Owner: **Harrison, Sandy**

Elevation (AMSL) (m): **695**

AEP: **162190**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **88,418.42**

Date Started: **27 Jun 91**

Northing: **5,914,943.87**

Date Completed: **27 Jun 91**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **77.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **27 Jun 91**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	690.5	Clay Sandy Yellow
7.6	687.5	Clay Hard Yellow
9.1	685.9	Clay Blue
21.3	673.8	Clay Silty Blue
27.4	667.7	Clay Hard Blue
48.8	646.3	Sand
50.3	644.8	Shale Sandy Gray
57.9	637.2	Shale Gray
58.2	636.9	Shale Sandy Gray
71.6	623.5	Shale Gray
73.2	621.9	Shale Brown
77.7	617.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SE 18-051-25 W4M**

Well Number **00729**

Well Owner: **Harrison, Sandy**

Elevation (AMSL) (m): **695**

AEP: **158930**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **88,418.42**

Date Started: **26 Aug 91**

Northing: **5,914,943.87**

Date Completed: **27 Aug 91**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use:  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **27 Aug 91**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
35.0	660.0	Clay & Sand
36.3	658.8	Coal
37.8	657.3	Clay & Sand
44.2	650.9	Sand Gray
47.2	647.8	Shale Green
47.9	647.2	Shale Gray
48.8	646.3	Shale Brown
61.0	634.1	Shale Sandy Gray
61.9	633.2	Shale Brown
70.1	625.0	Shale Sandy Gray
71.6	623.5	Shale Green
72.5	622.5	Shale Brown
73.2	621.9	Shale Sandy Gray
74.4	620.7	Shale Brown
75.3	619.8	Shale Sandy Gray
75.9	619.2	Sandstone
81.4	613.7	Shale Gray
82.3	612.8	Shale Brown
82.9	612.2	Coal
89.3	605.8	Shale Sandy Gray
91.4	603.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 18-051-25 W4M**

Well Number **00730**

Well Owner: **Little, John**

Elevation (AMSL) (m): **694**

AEP: **162004**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **88,639.45**

Date Started: **07 Nov 91**

Northing: **5,914,961.00**

Date Completed: **08 Nov 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.8** to **6.1** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.8**

**Testing:**

Rate (lpm): **20.5** Time (minute): **420.0**  
 Level End (m): **20.7** Drawdown (m): **17.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	690.5			Sand Yellow
6.1	687.7			Sand & Silt Water Bearing Gray
7.6	686.2			Clay Black
8.2	685.6			Clay Silty Blue
20.7	673.1			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 18-051-25 W4M**

Well Number **00731**

Well Owner: **Lywood, Janet**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **697**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **187035**  
 Easting: **88,396.50**  
 Northing: **5,915,219.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-051-25 W4M**

Well Number **00732**

Well Owner: **Poruchny, Thomas/Diane**

Elevation (AMSL) (m): **695**

AEP: **243240**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **88,331.63**

Date Started: **09 Sep 94**

Northing: **5,915,361.00**

Date Completed: **10 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.0** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **21.0** Bottom (m): **21.0**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **4.6** to **5.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **14.0** to **14.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **19.5**

**Testing:**

Rate (lpm): **45.6** Time (minute):  
 Level End (m): **13.1** Drawdown (m): **5.5**  
 Rec'd intake (m): **19.5** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	687.6	Sand Silty
14.6	680.6	Sand
21.0	674.2	Clay Soft Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

01-01-051-26 W4M

Well Number 00751

Well Owner: Adams, F.

Elevation (AMSL) (m): 692

AEP: 230415

Drilling Contractor: Unknown Driller

Licence No.:

Easting: 86,732.42

Date Started:

Northing: 5,911,722.50

Date Completed:

**General:**

Type of Work: **Federal Well Survey**  
Drilling Method: **Drilled**  
Well Use: **Domestic & Stock**  
Completed Depth **40.2** (m)  
NPWL (m): **15.2** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Unknown**  
Depth (m): Bottom (m):  
OD (mm): **152.4** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**SE 01-051-26 W4M**

Well Number **00752**

Well Owner: **West Ridge Golf Course**

Elevation (AMSL) (m): **692**

AEP: **156976**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **86,728.02**

Date Started: **24 May 91**

Northing: **5,911,737.00**

Date Completed: **24 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **219.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **11.9**  
 Perforated How: **Machine**  
 from (m): **5.8** to **8.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute):  
 Level End (m): **9.1** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	687.4	Clay Soft Brown
6.4	685.9	Sand & Gravel Coarse Grained
8.8	683.5	Gravel Coarse Grained
12.8	679.5	Clay Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-051-26 W4M**

Well Number **00753**

Well Owner: **West Ridge Park Lodge**

Elevation (AMSL) (m): **689**

AEP: **156975**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **86,819.24**

Date Started: **10 May 91**

Northing: **5,911,695.64**

Date Completed: **12 May 91**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Cement**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type: **Other**  
 from (m):                      to **12.8**

**Liner:**  
 Type:  
 OD (mm): **219.0**                      Thickness (mm): **0.1**  
 Top (m):                      Bottom (m): **9.1**  
 Perforated How: **Machine**  
 from (m): **6.4**                      to **9.1**                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **4.6**                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	684.6	Clay Brown
5.8	683.4	Sand & Gravel Coarse Grained B
8.2	681.0	Gravel Coarse Grained
9.4	679.7	Sand Brown
12.8	676.4	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 02-051-26 W4M**

Well Number **00754**

Well Owner: **Paul, Brent**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **698**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156619**  
 Easting: **85,163.66**  
 Northing: **5,912,702.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 02-051-26 W4M**

Well Number **00755**

Well Owner: **Roberts, Howard**

Elevation (AMSL) (m): **698**

AEP: **167833**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **85,163.66**

Date Started: **23 Jun 92**

Northing: **5,912,702.50**

Date Completed: **24 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **19.5** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Clay Cap**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **19.5**  
 Perforated How: **Axe/Chisel**  
 from (m): **18.6** to **19.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **7.6** to **7.9** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.2**

**Testing:**

Rate (lpm): **3.4** Time (minute): **240.0**  
 Level End (m): **19.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	691.7			Sand Yellow
7.0	691.4			Sand Water Bearing
7.3	691.1			Clay Water Bearing Blue
7.9	690.5			Sand & Silt Water Bearing
12.2	686.2			Clay Black
18.3	680.1			Clay Blue
19.5	678.9			Sand & Gravel Water Bearing

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-051-26 W4M**

Well Number **00756**

Well Owner: **King, Bridget**

Elevation (AMSL) (m): **692**

AEP: **263466**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **84,348.89**

Date Started: **30 Oct 95**

Northing: **5,912,462.46**

Date Completed: **30 Oct 95**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 30 Oct 95**

**Casing:**  
 Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **11.3** to **11.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	685.4	Clay Silty Brown
9.8	682.1	Clay Gray
14.0	677.8	Sandstone
15.2	676.6	Shale Gray
21.0	670.8	Shale
23.2	668.7	Sandstone
32.0	659.8	Shale Gray
32.6	659.2	Bentonite
34.1	657.7	Shale
36.6	655.3	Coal
40.2	651.6	Sandstone
40.8	651.0	Sandstone Hard
45.1	646.7	Sandstone
48.5	643.4	Shale Gray
50.3	641.5	Sandstone
53.6	638.2	Shale Gray
57.3	634.5	Shale Brown
60.0	631.8	Sandstone
61.0	630.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 02-051-26 W4M**

Well Number **00757**

Well Owner: **King, Deejay**

Elevation (AMSL) (m): **692**

AEP: **263463**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **84,348.89**

Date Started: **03 Oct 95**

Northing: **5,912,462.46**

Date Completed: **03 Oct 95**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 03 Oct 95**

**Casing:**

Type: **Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **21.3** to **21.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m):  
 Perforated How: **Other**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.8	690.0	Till
3.1	688.8	Clay
5.5	686.3	Clay Silty Brown
9.4	682.4	Clay Silty Gray
10.1	681.8	Gravel
15.9	676.0	Sandstone Soft
16.1	675.7	Bentonite
16.8	675.1	Shale & Rocks Mixed
21.9	669.9	Shale Gray
22.3	669.6	Shale Hard Brown
25.0	666.8	Shale Gray
26.8	665.0	Shale Brown
27.7	664.1	Shale Gray
28.0	663.8	Shale Hard
28.4	663.5	Shale Gray
37.8	654.0	Sandstone
38.4	653.4	Coal
38.7	653.1	Bentonite
40.5	651.3	Coal
42.1	649.8	Shale Brown
43.6	648.3	Shale Gray
46.6	645.2	Siltstone
48.2	643.7	Sandstone
50.9	640.9	Shale Gray
54.9	637.0	Sandstone
55.2	636.7	Shale Hard Brown
62.5	629.4	Sandstone
72.2	619.6	Shale
77.7	614.1	Sandstone
79.2	612.6	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 02-051-26 W4M**

Well Number **00758**

Well Owner: **Mccourt, Paul**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **687**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161591**  
 Easting: **84,391.97**  
 Northing: **5,912,622.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **16.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 02-051-26 W4M**

Well Number **00759**

Well Owner: **McNabb, Don**

Elevation (AMSL) (m): **695**

AEP: **256715**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **84,462.72**

Date Started: **29 Dec 94**

Northing: **5,912,799.50**

Date Completed: **29 Dec 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **15.5** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **12.2** to **13.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **10.4** Drawdown (m): **3.4**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	690.7			Clay Sandy Yellow
9.4	685.5			Clay Sandy Blue
13.4	681.6			Sand
15.2	679.8			Clay Blue
15.5	679.5			Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 02-051-26 W4M**

Well Number **00760**

Well Owner: **Shubert, Mark**

Elevation (AMSL) (m): **689**

AEP: **151977**

Drilling Contractor: *Mahar Drilling Co. Ltd.*

Licence No.:

Easting: **84,397.52**

Date Started: **06 Sep 89**

Northing: **5,912,648.00**

Date Completed: **07 Sep 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **11.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **12.2** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.7** Bottom (m): **44.2**  
 Perforated How: **Machine**  
 from (m): **25.9** to **44.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **28.4** Drawdown (m): **17.1**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	684.4	Clay Yellow
13.4	675.6	Sandstone
14.0	675.0	Clay Blue
14.6	674.4	Coal
30.5	658.5	Clay Blue
35.0	653.9	Coal
38.1	650.9	Clay Soft Blue
39.0	650.0	Coal Blue
41.2	647.8	Clay Blue
42.1	646.9	Coal
44.2	644.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-051-26 W4M**

Well Number **00761**

Well Owner: **Snow, Gary**

Elevation (AMSL) (m): **686**

AEP: **152364**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **84,613.93**

Date Started: **18 Jun 90**

Northing: **5,912,572.00**

Date Completed: **19 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.4** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **11.0** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.4** Bottom (m): **49.4**  
 Perforated How: **Machine**  
 from (m): **43.3** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **24.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	681.6	Clay
5.8	680.7	Sand & Gravel
7.6	678.9	Clay Sandy
10.4	676.1	Sandstone Soft
16.8	669.7	Sandstone
20.1	666.4	Shale Fractured
22.3	664.2	Shale
23.5	663.0	Siltstone
24.7	661.8	Sandstone
29.6	656.9	Shale & Sandstone Fractured
32.6	653.9	Shale
35.0	651.4	Shale & Coal
36.3	650.2	Shale
39.6	646.9	Sandstone
41.8	644.7	Siltstone
44.2	642.3	Sandstone
45.1	641.4	Shale
49.1	637.4	Sandstone
49.4	637.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-051-26 W4M**

Well Number **00762**

Well Owner: **Taskar, Milan**

Elevation (AMSL) (m): **689**

AEP: **151877**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **84,397.52**

Date Started: **06 Jun 90**

Northing: **5,912,648.00**

Date Completed: **12 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.1** Bottom (m): **17.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): **17.1** to

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **15.2** Bottom (m): **103.6**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): **79.2** to **103.6** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **155.1** Time (minute): **480.0**  
 Level End (m): **79.2** Drawdown (m): **71.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	679.8	Sand
10.7	678.3	Sand Fine Grained Gray
12.2	676.8	Coal Sandy
15.2	673.7	Sandstone Dry
18.3	670.7	Shale Gray
30.5	658.5	Shale & Sandstone Dry Gray
39.6	649.4	Shale Green
45.7	643.3	Shale & Sandstone Gray
47.2	641.7	Shale Gray
48.8	640.2	Sandstone
54.9	634.1	Shale Fractured Green
56.4	632.6	Shale Brown
57.9	631.1	Shale & Coal Brown
61.0	628.0	Shale & Sandstone Dry
68.6	620.4	Shale Gray
73.2	615.8	Shale & Sandstone Dry Gray
80.8	608.2	Shale Gray
85.3	603.6	Sandstone Dry
91.4	597.5	Shale & Sandstone Gray
102.1	586.9	Sandstone
103.6	585.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 03-051-26 W4M**

Well Number **00763**

Well Owner: **Decoteau, James**

Elevation (AMSL) (m): **705**

AEP: **220732**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **83,807.40**

Date Started: **17 May 93**

Northing: **5,912,776.50**

Date Completed: **18 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): **3.1** to **4.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **10.1** to **10.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **19.5**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **7.9** Drawdown (m): **11.6**  
 Rec'd intake (m): **19.5** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	700.6	Sand
10.7	694.5	Sand Silty
17.7	687.5	Shale
18.0	687.2	Coal
21.3	683.8	Shale
21.9	683.2	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-26 W4M**

Well Number **00764**

Well Owner: **Decouteau, James**

Elevation (AMSL) (m): **705**

AEP: **217779**

Licence No.:

Easting: **83,807.40**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **01 May 93**

Northing: **5,912,776.50**

Date Completed: **03 May 93**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	695.1	Sand Brown
11.0	694.2	Sand Gray
16.5	688.7	Shale Soft
32.6	672.5	Siltstone & Sandstone
32.9	672.2	Shale
33.5	671.6	Coal
34.4	670.7	Shale
37.5	667.6	Shale & Coal
39.6	665.5	Siltstone
40.5	664.6	Shale
41.5	663.7	Siltstone & Sandstone
43.9	661.2	Shale
46.3	658.8	Sandstone
48.8	656.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-26 W4M**

Well Number **00765**

Well Owner: **Pollock, Ron**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **705**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163011**  
 Easting: **83,807.40**  
 Northing: **5,912,776.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 04-051-26 W4M**

Well Number **00766**

Well Owner: **Wallace, Bryan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **166432**  
 Easting: **81,085.51**  
 Northing: **5,912,549.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **15.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

14-05-051-26 W4M

Well Number 00767

Well Owner: **Dyck, Victor**

Elevation (AMSL) (m): **695**

AEP: **160377**

Drilling Contractor: *Snetler Water Well Drilling Ltd.*

Licence No.:

Easting: **79,713.46**

Date Started: **10 Sep 91**

Northing: **5,912,740.00**

Date Completed: **11 Sep 91**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Stock**  
Completed Depth **54.9** (m)  
NPWL (m): **21.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **31.1** Bottom (m): **31.1**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Benseal**  
from (m): to **31.1**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **30.2** Bottom (m): **54.9**  
Perforated How: **Hand Drill**  
from (m): **42.7** to **51.8** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.9**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
Level End (m): **25.9** Drawdown (m): **4.0**  
Rec'd intake (m): **30.5** Rec'd Rate (lpm): **41.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	680.8			Clay Soft
16.5	678.1			Sand & Coal See Comments
22.6	672.0			Clay Soft
24.4	670.1			Sand & Coal
27.4	667.1			Clay Soft
30.8	663.7			Sand & Coal
36.6	658.0			Shale
38.1	656.4			Sand
48.8	645.8			Shale Soft
50.9	643.6			Coal
54.9	639.7			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-051-26 W4M**

Well Number **00768**

Well Owner: **Burn, Jim**

Elevation (AMSL) (m): **702**

AEP: **227851**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,461.80**

Date Started: **12 Aug 93**

Northing: **5,911,770.50**

Date Completed: **13 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **26.2**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **63.1**  
 Perforated How: **Saw**  
 from (m): **25.0** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **7.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	697.5	Sand
7.6	694.2	Clay Yellow
13.7	688.1	Clay Soft Blue
16.1	685.7	Clay & Sand
21.3	680.5	Clay Hard Blue
25.0	676.8	Clay & Coal Sandy
25.6	676.2	Clay Yellow
26.8	675.0	Shale Greenish Gray
30.5	671.3	Shale Sandy Gray
38.1	663.7	Shale Green
39.6	662.2	Shale & Coal Brown
42.1	659.8	Shale Green
43.6	658.2	Coal
45.1	656.7	Shale Green
46.9	654.9	Coal
47.9	654.0	Shale Green
51.2	650.6	Shale Sandy Gray
56.1	645.7	Shale Gray
59.7	642.1	Shale & Coal Brown
64.0	637.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

16-06-051-26 W4M

Well Number 00769

Well Owner: **Sheridan, David/Janette**

Elevation (AMSL) (m): **701**

AEP: **214835**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **78,810.45**

Date Started: **15 Feb 82**

Northing: **5,912,868.50**

Date Completed: **16 Feb 82**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth: **38.4** (m)  
NPWL (m): **26.2** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **35.7** Bottom (m): **35.7**  
OD (mm): **114.3** Thickness (mm): **0.0**  
Seal Type: **Puddled Clay**  
from (m): to **24.4**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **35.7** to **37.2** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.9	692.7	Sand
13.7	686.9	Clay & Sand
35.7	665.0	Clay & Coal Sandy
37.2	663.5	Sand
38.4	662.2	Clay & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 06-051-26 W4M**

Well Number **00770**

Well Owner: **Hussein, Hanif(Westland Homes)**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started: **21 Jul 92**  
 Date Completed: **23 Jul 92**  
 AEP: **169089**  
 Easting: **78,564.27**  
 Northing: **5,912,649.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **98.1** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **25.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **98.1**  
 Perforated How: **Saw**  
 from (m): **48.8** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **98.1**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **480.0**  
 Level End (m): **74.7** Drawdown (m): **57.9**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	698.6	Clay Sandy
5.2	695.8	Sand
13.4	687.6	Clay Sandy Blue
14.9	686.1	Sandstone
23.8	677.3	Shale Gray
27.1	673.9	Shale Green
34.4	666.6	Shale Gray
40.5	660.5	Sandstone
40.8	660.2	Shale & Coal Brown
44.5	656.5	Shale Gray
46.0	655.0	Shale & Coal Brown
49.7	651.3	Shale Gray
54.3	646.8	Sandstone
60.0	641.0	Shale Gray
62.8	638.2	Sandstone
68.3	632.8	Shale Gray
69.2	631.8	Shale & Coal Brown
74.1	627.0	Shale Gray
75.9	625.1	Sandstone
79.6	621.5	Shale Gray
84.7	616.3	Sandstone
98.1	602.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 06-051-26 W4M**

Well Number **00771**

Well Owner: **Kana, Frank**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156620**  
 Easting: **78,564.27**  
 Northing: **5,912,649.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 06-051-26 W4M**

Well Number **00772**

Well Owner: **Klann, Gunther**

Elevation (AMSL) (m): **698**

AEP: **152366**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,647.62**

Date Started: **13 Jul 90**

Northing: **5,912,380.18**

Date Completed: **17 Jul 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	692.9	Clay Yellow
11.3	687.2	Clay Blue
12.2	686.2	Sand & Gravel
13.1	685.3	Clay Stoney Blue
13.7	684.7	Sand
18.6	679.8	Clay Stoney Blue
19.8	678.6	Sand
20.7	677.7	Gravel Clayey Yellow
21.3	677.1	Clay Yellow
22.3	676.2	Sand
24.4	674.1	Clay Blue
25.9	672.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 06-051-26 W4M**

Well Number **00773**

Well Owner: **Klann, Gunther**  
 Drilling Contractor: *Kc Drilling (Leduc)*

Elevation (AMSL) (m): **701**      AEP: **154044**  
 Licence No.:                              Easting: **78,564.27**  
 Date Started: **20 Jul 90**              Northing: **5,912,649.50**  
 Date Completed: **23 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **26.8** (m)  
 NPWL (m): **2.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m):                              to **3.1**  
**Liner:**  
 Type:  
 OD (mm): **635.0**                      Thickness (mm): **0.0**  
 Top (m):                              Bottom (m): **26.8**  
 Perforated How: **Axe/Chisel**  
 from (m): **11.3**      to **12.2**                      Size:  
 from (m): **23.5**      to **24.7**                      Size:  
 from (m):                              to                              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Open Hole:**  
 from (m):                              to  
**Pump:**  
 Model:                              Intake (m): **25.9**  
**Testing:**  
 Rate (lpm): **4.6**                      Time (minute): **780.0**  
 Level End (m): **24.7**                      Drawdown (m): **22.3**  
 Rec'd intake (m):                      Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	697.4	Sand Gray
7.0	694.0	Clay Brown
11.0	690.1	Clay Black
12.2	688.8	Clay Water Bearing Black
13.7	687.3	Clay Black
19.8	681.2	Clay Blue
23.2	677.9	Shale Gray
24.7	676.3	Sandstone Water Bearing
26.8	674.2	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 06-051-26 W4M**

Well Number **00774**

Well Owner: **Klann, Gunther**

Elevation (AMSL) (m): **698**

AEP: **152365**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,647.62**

Date Started: **13 Jul 90**

Northing: **5,912,380.18**

Date Completed: **17 Jul 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	692.9	Clay Yellow
11.3	687.2	Clay Blue
12.2	686.2	Sand & Gravel
12.8	685.6	Clay Stoney Blue
13.7	684.7	Sand
18.6	679.8	Clay Stoney Blue
19.8	678.6	Sand
21.3	677.1	Gravel Clayey Yellow
22.3	676.2	Sand
23.2	675.3	Clay Blue
25.9	672.5	Shale Sandy Gray
35.0	663.4	Shale Light Gray
39.0	659.4	Shale Sandy Gray
39.6	658.8	Shale Gray
40.2	658.2	Coal
44.2	654.2	Shale Gray
45.1	653.3	Shale & Coal Brown
49.7	648.8	Shale Gray
50.6	647.8	Shale Sandy Gray
54.9	643.6	Shale Gray
57.0	641.4	Sandstone
57.3	641.1	Shale Gray
59.7	638.7	Shale & Coal Brown
64.0	634.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 06-051-26 W4M**

Well Number **00775**

Well Owner: **Minion, Shayne**

Elevation (AMSL) (m): **701**

AEP: **241325**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **78,564.27**

Date Started: **03 Aug 94**

Northing: **5,912,649.50**

Date Completed: **04 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **37.8** to **39.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **12.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	692.5			Sand Coarse Grained Brown
9.4	691.6			Clay Brown
16.5	684.6			Clay Gray
18.6	682.4			Gravel
31.4	669.6			Clay & Sand Gray
39.3	661.7			Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 06-051-26 W4M**

Well Number **00776**

Well Owner: **Taschuk, Bernard**

Elevation (AMSL) (m): **701**

AEP: **164464**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,564.27**

Date Started: **13 Feb 92**

Northing: **5,912,649.50**

Date Completed: **19 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **49.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **76.5**  
 Perforated How: **Machine**  
 from (m): **46.6** to **76.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **36.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	699.5	Sand Coarse Grained
4.0	697.1	Clay Yellow
9.1	691.9	Clay & Coal Sandy
18.3	682.7	Clay Soft Blue
34.8	666.3	Clay & Rocks Blue
41.2	659.9	Shale Sandy Gray
42.7	658.4	Coal
48.8	652.3	Shale Sandy Gray
51.8	649.2	Shale Gray
55.2	645.9	Shale Sandy Gray
61.0	640.1	Shale Gray
65.5	635.5	Shale & Coal Brown
71.6	629.4	Shale Gray
74.7	626.4	Shale Sandy Gray
77.7	623.3	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 06-051-26 W4M**

Well Number **00777**

Well Owner: **Taschuk, Bernard #1**

Elevation (AMSL) (m): **698**

AEP: **260135**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,647.62**

Date Started:

Northing: **5,912,380.18**

Date Completed: **19 May 95**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 19 May 95**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.4	692.0	Sand
8.2	690.2	Clay Yellow
12.2	686.2	Sand & Coal Coarse Grained
18.9	679.5	Clay Blue
20.1	678.3	Sand & Coal
23.5	675.0	Clay Blue
26.8	671.6	Sand & Gravel
29.3	669.2	Clay Yellow
36.6	661.9	Shale Greenish Gray
40.8	657.6	Shale Brittle
41.8	656.7	Shale Green
43.6	654.9	Sandstone
49.7	648.8	Shale Greenish Gray
51.8	646.6	Sandstone
54.3	644.2	Shale Gray
56.1	642.4	Shale Sandy Gray
58.8	639.6	Shale Greenish Gray
61.3	637.2	Coal
63.1	635.3	Shale Gray
65.5	632.9	Shale Sandy Gray
74.4	624.1	Shale Gray
76.5	621.9	Shale Sandy Gray
84.1	614.3	Shale Green
86.3	612.2	Shale Sandy Gray
87.5	611.0	Shale Brittle Brown
92.7	605.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 06-051-26 W4M**

Well Number **00778**

Well Owner: **Taschuk, Bernard #2**

Elevation (AMSL) (m): **698**

AEP: **260136**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,647.62**

Date Started:

Northing: **5,912,380.18**

Date Completed: **24 May 95**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 24 May 95**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	691.4			Sand Fine Grained Yellow
9.8	688.7			Clay Yellow
12.2	686.2			Clay & Sand
18.3	680.1			Clay Blue
21.3	677.1			Sand
25.6	672.8			Clay Blue
27.7	670.7			Sand
28.4	670.1			Clay Blue
32.0	666.4			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



---07-051-26 W4M

Well Number 00779

Well Owner: **Turner, Russell**

Elevation (AMSL) (m): **700**

AEP: **156621**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **78,154.70**

Date Started:

Northing: **5,913,792.00**

Date Completed:

**General:**

Type of Work: **Chemistry**

Drilling Method: **Not Applicable**

Well Use: **Domestic**

Completed Depth **82.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): **57.9** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

**NE 07-051-26 W4M**

Well Number **00780**

Well Owner: **Bilodeau, Lionel**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156628**  
 Easting: **78,784.46**  
 Northing: **5,914,354.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-051-26 W4M**

Well Number **00781**

Well Owner: **Mcbride, B.**

Elevation (AMSL) (m): **699**

AEP: **159845**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **78,621.59**

Date Started: **22 Aug 90**

Northing: **5,914,136.50**

Date Completed: **23 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **4.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **8.2** to **8.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.8**

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **13.7** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	695.6			Sand Silty Brown
9.8	689.5			Sand Silty Blue
20.7	678.5			Clay Blue
21.6	677.6			Sand & Gravel Clayey
21.9	677.3			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-051-26 W4M**

Well Number **00782**

Well Owner: **Cherewyk, Jerry**

Elevation (AMSL) (m): **704**

AEP: **152770**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,696.66**

Date Started: **05 Sep 90**

Northing: **5,914,218.50**

Date Completed: **05 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **32.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **46.0** to **47.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **11.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.9	695.7		Sand
	17.1	686.6		Clay Silty
	32.3	671.3		Clay Stony
	47.9	655.8		Coal Cemented
	51.8	651.8		Sandstone Cemented

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 07-051-26 W4M**

Well Number **00783**

Well Owner: **Cherowick, J(Double D Foods)**

Elevation (AMSL) (m): **704**

AEP: **167362**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **77,696.66**

Date Started: **30 Jul 92**

Northing: **5,914,218.50**

Date Completed: **31 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **133.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **50.3** to **51.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **22.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	696.0	Clay Sandy Brown
15.2	688.4	Sand Coarse Grained Gray
21.3	682.3	Sandstone
32.0	671.6	Clay Blue
51.8	651.8	Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 07-051-26 W4M**

Well Number **00784**

Well Owner: **Double D Foods**

Elevation (AMSL) (m): **701**

AEP: **160270**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **77,725.59**

Date Started: **11 Sep 91**

Northing: **5,914,520.00**

Date Completed: **12 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Clay Cap**  
 from (m): to **51.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **51.2** to **52.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	698.3			Clay Sandy Brown
15.9	685.5			Clay Blue
17.1	684.3			Gravel
17.7	683.6			Clay Blue
21.3	680.0			Sandstone
21.9	679.4			Gravel
24.1	677.2			Shale
25.0	676.3			Gravel
25.9	675.4			Clay Blue
27.4	673.9			Gravel
30.5	670.8			Shale
52.4	648.9			Sand Coarse Grained Gray
53.3	648.0			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 07-051-26 W4M**

Well Number **00785**

Well Owner: **Macisaac, Doug**

Elevation (AMSL) (m): **704**

AEP: **242331**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,696.66**

Date Started: **26 Aug 94**

Northing: **5,914,218.50**

Date Completed: **27 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **29.6** to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **20.4** Drawdown (m): **2.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	693.0	Sand
19.5	684.1	Clay Silty
29.3	674.4	Clay & Rocks
29.9	673.8	Coal
33.8	669.8	Clay & Rocks
46.0	657.6	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-051-26 W4M**

Well Number **00786**

Well Owner: **(Rainbow Playschl)Gramina Hall**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163324**  
 Easting: **77,710.13**  
 Northing: **5,913,407.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 07-051-26 W4M**

Well Number **00787**

Well Owner: **Jean Caouette Approved Home**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163323**  
 Easting: **77,710.13**  
 Northing: **5,913,407.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-051-26 W4M**

Well Number **00788**

Well Owner: **Stockwell, Lane**

Elevation (AMSL) (m): **701**

AEP: **166977**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,710.13**

Date Started: **07 Jul 92**

Northing: **5,913,407.00**

Date Completed: **09 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **30.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **76.2**  
 Perforated How: **Machine**  
 from (m): **68.6** to **74.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **49.7** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.4	691.1	Sand Brown
14.3	686.2	Clay Silty
15.2	685.3	Sand & Gravel
16.1	684.4	Clay
26.8	673.7	Shale & Siltstone Soft
27.1	673.4	Coal
32.9	667.6	Shale
33.2	667.3	Sandstone
46.6	653.9	Shale & Siltstone
49.4	651.1	Sandstone
55.8	644.7	Shale
56.7	643.8	Shale & Coal
59.4	641.1	Shale & Siltstone
61.6	638.9	Siltstone & Sandstone
63.7	636.8	Shale
72.2	628.3	Sandstone
72.8	627.7	Shale
75.3	625.2	Sandstone
76.2	624.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-051-26 W4M**

Well Number **00789**

Well Owner: **Bruner, Brendan B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167757**  
 Easting: **80,245.58**  
 Northing: **5,914,014.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **53.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-051-26 W4M**

Well Number **00790**

Well Owner: **Bull, Rod**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168471**  
 Easting: **80,033.05**  
 Northing: **5,914,452.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-051-26 W4M**

Well Number **00791**

Well Owner: **Gerbrandt, Greg**

Elevation (AMSL) (m): **699**

AEP: **158389**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,245.58**

Date Started: **10 Jul 91**

Northing: **5,914,014.50**

Date Completed: **11 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **46.6** to **48.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **17.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	693.1	Sand
19.5	679.0	Clay Silty
19.8	678.7	Gravel
26.2	672.3	Clay & Rocks
28.0	670.5	Sand
29.0	669.6	Clay
48.2	650.4	Sand
48.8	649.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-051-26 W4M**

Well Number **00792**

Well Owner: **Gurba, Sheila/Alex**

Elevation (AMSL) (m): **700**

AEP: **196662**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **79,997.48**

Date Started: **11 Jun 92**

Northing: **5,914,578.00**

Date Completed: **11 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.7** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **46.9** to **48.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **45.1**

**Testing:**

Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **19.5**  
 Rec'd intake (m): **45.1** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	693.4			Sand Brown
20.4	680.0			Clay Silty
21.3	679.1			Clay & Rocks
29.0	671.5			Clay
49.7	650.8			Sand Cemented

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-051-26 W4M**

Well Number **00793**

Well Owner: **Culleton, Joe**

Elevation (AMSL) (m): **699**

AEP: **152367**

Licence No.:

Easting: **79,429.05**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **18 May 90**

Northing: **5,914,003.57**

Date Completed: **22 May 90**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use:  
 Completed Depth **91.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **4320.0**  
 Level End (m): **55.2** Drawdown (m): **41.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	693.7	Sand Brown
8.8	690.3	Sand Gray
19.5	679.7	Clay Silty
31.4	667.8	Clay Sandy
32.3	666.9	Shale
33.8	665.4	Siltstone
35.7	663.5	Shale
38.1	661.1	Sandstone
40.2	659.0	Shale
43.0	656.2	Siltstone
50.3	648.9	Shale
50.6	648.6	Coal
54.3	644.9	Shale
56.1	643.1	Sandstone
60.0	639.1	Shale
61.6	637.6	Siltstone
62.5	636.7	Sandstone
69.2	630.0	Siltstone
72.5	626.6	Shale
75.6	623.6	Sandstone
80.5	618.7	Shale
84.4	614.8	Sandstone
91.4	607.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 08-051-26 W4M**

Well Number **00794**

Well Owner: **Park, Jack**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **702**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160781**  
 Easting: **79,072.90**  
 Northing: **5,914,042.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 08-051-26 W4M**

Well Number **00795**

Well Owner: **Parnell, Don**

Elevation (AMSL) (m): **699**

AEP: **150183**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **79,429.05**

Date Started: **06 Mar 90**

Northing: **5,914,003.57**

Date Completed: **07 Mar 90**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **20.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Other**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	691.6	Sand Gray
16.5	682.7	Clay Silty
18.0	681.2	Clay Stony
19.5	679.7	Sand
20.1	679.1	Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 08-051-26 W4M**

Well Number **00796**

Well Owner: **Parnell, Don**

Elevation (AMSL) (m): **700**

AEP: **153362**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **79,403.05**

Date Started: **09 Oct 90**

Northing: **5,914,058.50**

Date Completed: **09 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **61.0**  
 Perforated How: **Hand Drill**  
 from (m): **42.7** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.0	686.1			Sand
18.3	681.8			Clay & Rocks
19.5	680.6			Sand & Rocks
27.4	672.7			Clay & Rocks
30.2	669.9			Sandstone
30.5	669.6			Coal
33.5	666.6			Sandstone
36.0	664.1			Siltstone
38.4	661.7			Shale
40.2	659.9			Sandstone
45.7	654.4			Shale
47.2	652.8			Coal
48.2	651.9			Shale Brown
53.3	646.7			Shale Green
57.3	642.8			Sandstone
57.9	642.2			Shale
61.0	639.1			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 08-051-26 W4M**

Well Number **00797**

Well Owner: **Parrell, Don**

Elevation (AMSL) (m): **699**

AEP: **150182**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **79,429.05**

Date Started: **06 Mar 90**

Northing: **5,914,003.57**

Date Completed: **06 Mar 90**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **73.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Other**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	691.6	Sand Gray
16.5	682.7	Clay Silty
18.0	681.2	Clay Stoney
19.5	679.7	Sand
23.5	675.7	Clay
24.1	675.1	Clay Stoney
28.4	670.8	Clay
28.7	670.5	Sandstone
31.7	667.5	Shale
33.2	666.0	Sandstone
45.4	653.8	Shale
48.2	651.0	Shale & Coal
54.6	644.6	Shale & Sandstone
58.2	641.0	Shale
58.8	640.4	Sandstone
60.0	639.1	Shale
64.3	634.9	Sandstone
69.5	629.7	Shale
71.9	627.3	Sandstone
73.2	626.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 08-051-26 W4M**

Well Number **00798**

Well Owner: **Stewart, Dave**

Elevation (AMSL) (m): **702**

AEP: **166433**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **80,233.72**

Date Started: **27 Sep 77**

Northing: **5,913,440.00**

Date Completed: **04 Oct 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.3** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): **37.2** to **38.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **1/2 H.P.** Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **34.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	694.5	Sand
8.8	693.6	Clay Sandy
10.7	691.7	Till
16.8	685.6	Sand
21.6	680.8	Till Sandy
33.8	668.6	Till & Rocks
40.5	661.9	Till Sandy
43.0	659.4	Till
43.3	659.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-051-26 W4M**

Well Number **00799**

Well Owner: **Grivou, Emil**

Elevation (AMSL) (m): **701**

AEP: **186498**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **81,674.02**

Date Started: **02 Dec 92**

Northing: **5,913,932.50**

Date Completed: **04 Dec 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **15.2** to **16.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **24.1** to **25.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **7.9**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	696.9	Sand Silty
12.5	688.0	Clay Silty
13.7	686.8	Clay & Sand Stoney
14.9	685.6	Clay
16.5	684.1	Clay & Rocks Sandy
20.1	680.4	Sand
22.6	678.0	Clay
25.6	674.9	Sand
30.5	670.0	Shale Soft
31.4	669.1	Sandstone
36.6	663.9	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-051-26 W4M**

Well Number **00800**

Well Owner: **Pritchard, A.P.#Th-1197-E**

Elevation (AMSL) (m): **700**

AEP: **233865**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **82,047.58**

Date Started:

Northing: **5,913,208.50**

Date Completed: **11 Jun 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	690.6	Sand Fine Grained Light Brown
21.3	678.5	Sand Brownish Gray
22.3	677.5	Silt & Coal
23.2	676.6	Sand
24.4	675.4	Silt & Coal
27.1	672.7	Silt Dark Gray
32.0	667.8	Siltstone Dark Gray
38.1	661.7	Sandstone
49.4	650.4	Siltstone Dark Gray
50.6	649.2	Sandstone
58.2	641.6	Siltstone Dark Gray
58.5	641.3	Shale
64.0	635.8	Siltstone Dark Gray
64.6	635.2	Sandstone Fine Grained
70.1	629.7	Siltstone Dark Gray
72.5	627.2	Siltstone Greenish Gray
74.7	625.1	Siltstone Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-051-26 W4M**

Well Number **00801**

Well Owner: **Dewes, B.**

Elevation (AMSL) (m): **697**

AEP: **185958**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,533.84**

Date Started: **19 Oct 92**

Northing: **5,914,011.00**

Date Completed: **21 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.9** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **12.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Gould**  
 Model: **7g05412** Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **35.0** Drawdown (m): **20.1**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	693.1	Sand Fine Grained Brown
12.5	684.2	Clay Gray
14.0	682.7	Sand & Gravel
18.6	678.2	Sand Fine Grained Brown
19.5	677.2	Clay Gray
21.3	675.4	Sand Coarse Grained Gray
22.3	674.5	Shale Green
23.2	673.6	Sandstone
23.8	673.0	Shale Brown
25.3	671.4	Shale Green
27.1	669.6	Sandstone
28.4	668.4	Shale Brown
29.3	667.5	Sandstone
30.8	666.0	Shale Green
33.2	663.5	Sandstone
36.9	659.9	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-051-26 W4M**

Well Number **00802**

Well Owner: **Petesky, Ron**

Elevation (AMSL) (m): **700**

AEP: **151105**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **83,471.13**

Date Started: **24 Apr 90**

Northing: **5,914,285.00**

Date Completed: **25 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **19.2** to **20.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	698.4			Sand Silty
15.2	684.4			Clay Silty
18.9	680.7			Clay Stony
20.7	678.9			Sand Cemented
21.3	678.3			Clay
21.9	677.7			Coal Sandy
22.3	677.4			Clay
22.6	677.1			Coal
28.4	671.3			Shale Soft
34.4	665.2			Sandstone Soft
35.4	664.3			Sandstone
36.6	663.1			Sandstone
42.1	657.6			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 10-051-26 W4M**

Well Number **00803**

Well Owner: **Timmerman**

Elevation (AMSL) (m): **696**

AEP: **241591**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,510.35**

Date Started: **20 Jan 93**

Northing: **5,914,057.31**

Date Completed: **20 Jan 93**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 20 Jan 93**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 10-051-26 W4M**

Well Number **00804**

Well Owner: **Timmerman (Banksiana Ranch)**

Elevation (AMSL) (m): **697**

AEP: **241588**

Licence No.:

Easting: **83,297.49**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **18 Jan 93**

Northing: **5,914,387.50**

Date Completed: **20 Jan 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **47.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.2** to **48.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **23.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.1	680.1			Sand Fine Grained Brown
18.6	678.6			Clay Brown
23.2	674.0			Clay Gray
24.1	673.1			Sand & Coal Coarse Grained
25.3	671.9			Clay Gray
29.6	667.6			Sand Fine Grained Gray
35.0	662.1			Clay Gray
36.0	661.2			Clay Yellow
38.4	658.8			Shale Soft Green
40.5	656.7			Shale Gray
48.8	648.4			Sand & Coal Coarse Grained Gra

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-051-26 W4M**

Well Number **00805**

Well Owner: **Watson, Leif**

Elevation (AMSL) (m): **700**

AEP: **240716**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **83,471.13**

Date Started: **24 May 94**

Northing: **5,914,285.00**

Date Completed: **25 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **41.8** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **28.7**

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **1.5**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	696.0	Sand
12.5	687.1	Clay Silty
13.7	685.9	Clay & Rocks
14.0	685.6	Rocks
21.6	678.0	Clay
22.6	677.1	Sand
23.5	676.2	Clay
43.9	655.8	Sand
45.1	654.5	Shale Soft
46.3	653.3	Sand
46.9	652.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 10-051-26 W4M**

Well Number **00806**

Well Owner: **Escott, Richard**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **698**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168087**  
 Easting: **83,420.09**  
 Northing: **5,913,211.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 10-051-26 W4M**

Well Number **00807**

Well Owner: **Van Ducen, B./Olson, Allan S.**

Elevation (AMSL) (m): **698**

AEP: **220734**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **83,420.09**

Date Started: **11 May 93**

Northing: **5,913,211.00**

Date Completed: **13 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **18.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **4.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **17.7** to **18.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.6**

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **15.9** Drawdown (m): **6.7**  
 Rec'd intake (m): **16.1** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	693.7			Clay Silty
13.7	684.2			Sand Silty
16.1	681.8			Gravel & Boulders
18.6	679.3			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 10-051-26 W4M**

Well Number **00808**

Well Owner: **Van Dusen, B./Olson, Allan S.**

Elevation (AMSL) (m): **698**

AEP: **220733**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **83,420.09**

Date Started: **07 May 93**

Northing: **5,913,211.00**

Date Completed: **07 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic & Stock**  
 Completed Depth **14.3** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **4.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **6.7** to **7.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.1**

**Testing:**

Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **13.1** Drawdown (m): **9.1**  
 Rec'd intake (m): **13.1** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	694.3	Clay Silty
13.1	684.8	Sand Silty
14.3	683.6	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

09-11-051-26 W4M

Well Number 00809

Well Owner: **Pollack, John**

Elevation (AMSL) (m): **699**

AEP: **218769**

Drilling Contractor: *Inglis Water Well Drilling*

Licence No.:

Easting: **85,328.16**

Date Started: **03 Sep 93**

Northing: **5,914,110.00**

Date Completed: **07 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **30.5**  
 Perforated How: **Machine**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **A+5-50** Intake (m): **24.4**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **15.2**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	690.2			Sand
16.8	682.6			Clay Sandy
26.5	672.9			Clay
27.4	671.9			Sand & Coal
30.5	668.9			Sand & Gravel Silty
32.0	667.4			Clay
33.5	665.8			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 11-051-26 W4M**

Well Number **00810**

Well Owner: **Antosh, Dennis/Paulette**

Elevation (AMSL) (m): **696**

AEP: **217299**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **85,146.37**

Date Started: **04 May 93**

Northing: **5,914,078.05**

Date Completed: **05 May 93**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **05 May 93**

**Casing:**

Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **26.8** to **28.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	688.1			Sand
17.7	678.1			Clay & Sand Silty
26.8	668.9			Clay & Rocks
29.3	666.5			Sand
30.5	665.3			Clay
32.6	663.1			Sand Silty
33.2	662.5			Shale
37.2	658.6			Siltstone Soft
38.1	657.6			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NE 11-051-26 W4M**

Well Number **00811**

Well Owner: **Antosh, Paulette/Dennis**

Elevation (AMSL) (m): **696**

AEP: **217306**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **85,146.37**

Date Started: **05 May 93**

Northing: **5,914,078.05**

Date Completed: **06 May 93**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **06 May 93**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	688.1			Sand
15.9	679.9			Clay & Rocks
22.3	673.5			Sand Silty
26.8	668.9			Clay & Rocks
28.7	667.1			Sand
30.5	665.3			Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 11-051-26 W4M**

Well Number **00812**

Well Owner: **Grayston, Clive**

Elevation (AMSL) (m): **696**

AEP: **155880**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **85,277.33**

Date Started: **29 Oct 82**

Northing: **5,914,469.00**

Date Completed: **30 Oct 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **14.6** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.6** Bottom (m): **14.6**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.3**  
 from (m): **10.1** to **10.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.8**

**Testing:**

Rate (lpm): **9.1** Time (minute): **60.0**  
 Level End (m): **13.7** Drawdown (m): **8.2**  
 Rec'd intake (m): **12.8** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	690.5	Sand Silty
6.1	689.9	Clay Silty
13.1	682.9	Sand Fine Grained
14.0	682.0	Clay Silty Blue
14.6	681.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 11-051-26 W4M**

Well Number **00813**

Well Owner: **Lefebvre, Garry**

Elevation (AMSL) (m): **696**

AEP: **153417**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,146.37**

Date Started: **19 Oct 90**

Northing: **5,914,078.05**

Date Completed: **19 Oct 90**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	689.6	Sand Silty Yellow
9.1	686.6	Clay Soft Yellow
21.6	674.1	Clay Blue
22.9	672.9	Sand
37.2	658.6	Clay Blue
37.5	658.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 11-051-26 W4M**

Well Number **00814**

Well Owner: **Lefebvre, Garry**

Elevation (AMSL) (m): **696**

AEP: **153416**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,146.37**

Date Started: **18 Oct 90**

Northing: **5,914,078.05**

Date Completed: **18 Oct 90**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **330.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
10.1	685.7			Sand Silty Yellow
34.4	661.3			Clay Blue
38.4	657.3			Clay Sandy
38.7	657.0			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 11-051-26 W4M**

Well Number **00815**

Well Owner: **Lewis, Jim**

Elevation (AMSL) (m): **695**

AEP: **154341**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,174.98**

Date Started: **30 Oct 86**

Northing: **5,913,949.00**

Date Completed: **05 Nov 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **41.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **26.2** to **27.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	685.0	Sand Yellow
24.1	671.2	Clay Silty Blue
24.7	670.6	Sand & Coal Fine Grained
26.2	669.1	Clay Blue
27.4	667.9	Sand
30.5	664.8	Clay Blue
41.5	653.9	Clay Hard
41.8	653.6	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-051-26 W4M**

Well Number **00816**

Well Owner: **Paterson, Fred/Sylvia**

Elevation (AMSL) (m): **697**

AEP: **162189**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,796.56**

Date Started: **18 Sep 91**

Northing: **5,914,547.50**

Date Completed: **20 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.3** to **33.8** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	693.2	Sand
5.2	691.6	Clay Yellow
10.1	686.8	Sand & Coal
28.0	668.8	Clay Blue
29.9	666.9	Clay & Sand Blue
37.8	659.0	Clay Blue
42.1	654.8	Shale Brown
43.9	652.9	Coal
59.4	637.4	Shale Gray
62.5	634.3	Shale Sandy Gray
74.7	622.1	Shale Green
76.2	620.6	Coal
85.3	611.5	Shale Gray
91.7	605.1	Shale Sandy Gray
96.0	600.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-051-26 W4M**

Well Number **00817**

Well Owner: **Dowell, Gary**

Elevation (AMSL) (m): **692**

AEP: **152313**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,174.91**

Date Started: **25 May 90**

Northing: **5,913,493.50**

Date Completed: **25 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **18.6** to **20.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **12.2**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	689.8	Sand
4.6	687.7	Clay Yellow
7.6	684.6	Sand Fine Grained
18.6	673.7	Clay Blue
20.7	671.5	Sand
25.9	666.3	Clay Stoney Blue
26.2	666.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-051-26 W4M**

Well Number **00818**

Well Owner: **Dowell, Gary**

Elevation (AMSL) (m): **691**

AEP: **151106**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,159.23**

Date Started: **17 May 90**

Northing: **5,913,274.08**

Date Completed: **22 May 90**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use:  
 Completed Depth **82.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **330.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	680.4			Clay Sandy Yellow
37.2	653.9			Clay Blue
38.1	653.0			Shale Brown
42.1	649.0			Shale Gray
44.2	646.9			Shale & Coal Brown
45.7	645.4			Shale Gray
47.2	643.9			Shale Green
48.8	642.3			Sandstone
52.4	638.7			Shale Green
56.4	634.7			Shale Sandy Gray
64.0	627.1			Shale Gray
67.7	623.4			Shale Sandy Gray
76.8	614.3			Shale Gray
78.0	613.1			Coal
82.3	608.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**SE 11-051-26 W4M**

Well Number **00819**

Well Owner: **Dumont, Claude**

Elevation (AMSL) (m): **695**

AEP: **198244**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,122.27**

Date Started: **20 Jan 93**

Northing: **5,913,790.50**

Date Completed: **21 Jan 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.0** Bottom (m): **21.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **21.0**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **21.0** to **22.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **9.1**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	688.7	Clay Sandy Yellow
18.3	676.5	Clay & Rocks Blue
19.2	675.6	Sand Coarse Grained
19.5	675.3	Clay Blue
23.2	671.6	Sand & Coal
27.4	667.4	Clay Hard Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-051-26 W4M**

Well Number **00820**

Well Owner: **Nieuwenkamp, Albert**

Elevation (AMSL) (m): **701**

AEP: **153985**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,359.20**

Date Started: **17 Oct 90**

Northing: **5,913,646.00**

Date Completed: **17 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **24.7** to **26.2** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **13.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	694.5	Sand Silty Yellow
19.8	680.8	Clay Blue
26.8	673.7	Sand & Gravel
27.4	673.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 11-051-26 W4M**

Well Number **00821**

Well Owner: **Scruton, Derek**

Elevation (AMSL) (m): **696**

AEP: **262174**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,911.84**

Date Started: **19 Oct 94**

Northing: **5,914,007.00**

Date Completed: **20 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **21.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **21.9** to **23.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **15.9** Drawdown (m): **8.5**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	689.3			Clay Sandy Yellow
16.8	679.6			Clay Blue
20.1	676.2			Clay & Sand
22.3	674.1			Clay Blue
24.4	672.0			Sand
26.5	669.8			Clay Blue
28.0	668.3			Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-051-26 W4M**

Well Number **00822**

Well Owner: **Costa, Rita**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **697**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **164219**  
 Easting: **84,328.17**  
 Northing: **5,913,453.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **16.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-051-26 W4M**

Well Number **00823**

Well Owner: **Dorey, Douglas D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **695**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156622**  
 Easting: **84,521.30**  
 Northing: **5,913,493.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **20.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-051-26 W4M**

Well Number **00824**

Well Owner: **Horlick, Gary**

Elevation (AMSL) (m): **697**

AEP: **163456**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **84,328.17**

Date Started: **14 Feb 92**

Northing: **5,913,453.00**

Date Completed: **16 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Benseal**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **21.3**  
 Perforated How: **Machine**  
 from (m): **16.8** to **22.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **14.3** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.5	691.6		Sand
	15.9	681.2		Clay & Rocks
	16.8	680.3		Sand
	18.6	678.5		Sandstone Soft
	19.2	677.9		Sand
	22.6	674.5		Sandstone
	27.4	669.6		Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-051-26 W4M**

Well Number **00825**

Well Owner: **Szyndrowski, Don**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **696**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161592**  
 Easting: **84,357.52**  
 Northing: **5,913,533.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

08-12-051-26 W4M

Well Number 00826

Well Owner: **Alta Env #Devon 2**

Elevation (AMSL) (m): **696**

AEP: **219683**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **87,043.86**

Date Started:

Northing: **5,913,788.00**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Observation**  
Completed Depth **7.6** (m)  
NPWL (m): **1.7** Verified NPWL (m):

Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm):  
Top (m): Bottom (m): **7.6**  
Perforated How:  
from (m): **4.6** to **7.6** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **160.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)  
(m) (m) Lithologic Description  
7.6 688.7 Clay & Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



03-12-051-26 W4M

Well Number 00827

Well Owner: **Mckinlay, J.E.**

Elevation (AMSL) (m): **688**

AEP: **220735**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **86,267.38**

Date Started: **22 Apr 92**

Northing: **5,913,244.50**

Date Completed: **23 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic & Stock**  
 Completed Depth **21.6** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Clay Cap**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **11.0** to **11.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **20.4** Drawdown (m): **11.6**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.6	676.6	Sand Silty
20.4	667.8	Clay Blue
21.6	666.5	Clay & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-051-26 W4M**

Well Number **00828**

Well Owner: **Redding, Rebecka**

Elevation (AMSL) (m): **687**

AEP: **240653**

Licence No.:

Easting: **85,918.71**

Drilling Contractor: *Big Iron Drilling Ltd.*

Date Started: **14 Dec 93**

Northing: **5,913,533.50**

Date Completed: **22 Dec 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Combination**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Plugged 21 Apr 94**

**Casing:**  
 Type: **Steel**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **80.8**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): **74.7** to **80.8** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	686.5	Topsoil
7.6	679.2	Clay & Sand Fine Grained
10.4	676.5	Clay & Sand Coarse Grained Bro
12.2	674.7	Sand & Gravel Coarse Grained B
19.5	667.3	Clay Gray
21.3	665.5	Shale Green
26.8	660.0	Shale Gray
27.4	659.4	Shale Soft Gray
30.8	656.1	Sandstone Hard
40.8	646.0	Shale Gray
48.8	638.1	Shale Brown
50.0	636.9	Sandstone Hard
56.4	630.5	Shale Gray
57.9	628.9	Shale Green
73.8	613.1	Shale Gray
76.8	610.0	Shale Brown
80.8	606.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-051-26 W4M**

Well Number **00829**

Well Owner: **Wichmann, Heinz**

Elevation (AMSL) (m): **687**

AEP: **159131**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **85,917.14**

Date Started: **21 Aug 91**

Northing: **5,913,516.00**

Date Completed: **22 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.8** to **6.4** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **14.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	3.7	682.9		Sand Light
	6.7	679.9		Sand Water Bearing Black
	10.7	675.9		Clay Black
	18.3	668.3		Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

04-13-051-26 W4M

Well Number 00830

Well Owner: Kinlein, Mike

Elevation (AMSL) (m): 699

AEP: 188691

Drilling Contractor: Kc Drilling (Leduc)

Licence No.:

Easting: 86,063.26

Date Started: 30 Oct 92

Northing: 5,915,091.50

Date Completed: 31 Oct 92

**General:**

Type of Work: **New Well**  
Drilling Method: **Bored**  
Well Use: **Domestic**  
Completed Depth **13.7** (m)  
NPWL (m): **3.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **13.7** Bottom (m): **13.7**  
OD (mm): **635.0** Thickness (mm): **0.0**  
Seal Type: **Other**  
from (m): to **3.7**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **Ga**  
OD (mm): **7.0**  
from (m): **8.5** to **8.8** Size: **0.02**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **182.4** Time (minute): **420.0**  
Level End (m): **13.1** Drawdown (m): **9.4**  
Rec'd intake (m): **12.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	695.5			Sand Brown
4.3	694.9			Clay & Sand Silty
6.4	692.7			Sand Black
9.4	689.7			Sand Gray
10.4	688.8			Clay Black
11.0	688.2			Sand Gray
11.3	687.8			Clay
12.5	686.6			Sand Gray
12.8	686.3			Clay
13.1	686.0			Sand Gray
13.7	685.4			Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-13-051-26 W4M

Well Number 00831

Well Owner: **Zaworski, Brad**

Elevation (AMSL) (m): **699**

AEP: **235132**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **85,796.74**

Date Started: **14 Oct 93**

Northing: **5,915,453.50**

Date Completed: **15 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **15.9** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **11.3** to **11.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **15.2** Drawdown (m): **11.6**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	695.5	Sand Yellow
7.6	691.6	Clay Silty
8.2	691.0	Clay Black
10.7	688.5	Clay Silty
11.6	687.6	Sand Water Bearing
14.6	684.6	Clay Silty
15.2	684.0	Clay Black
15.9	683.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 13-051-26 W4M**

Well Number **00832**

Well Owner: **Swanston, Bill**

Elevation (AMSL) (m): **700**

AEP: **257975**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **87,053.33**

Date Started: **17 May 95**

Northing: **5,915,701.00**

Date Completed: **19 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **45.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.3** Bottom (m): **82.6**  
 Perforated How: **Saw**  
 from (m): **45.7** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4d02tl-02** Intake (m): **71.6**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **42.7**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	693.3	Sand
9.1	691.2	Clay Silty Yellow
13.1	687.2	Clay & Sand Black
27.7	672.6	Clay Soft Blue
29.0	671.4	Clay & Coal
30.5	669.8	Clay Blue
32.9	667.4	Shale Sandy Gray
35.0	665.3	Clay Blue
36.6	663.7	Clay Yellow
39.0	661.3	Shale Green
40.8	659.5	Shale Sandy Gray
49.7	650.6	Shale Gray
53.0	647.3	Shale Sandy Gray
58.8	641.5	Shale Green
60.4	640.0	Shale Sandy Gray
62.5	637.8	Shale Brown
71.0	629.3	Sandstone
75.0	625.3	Shale Gray
75.9	624.4	Shale & Coal Brown
77.7	622.6	Shale Gray
78.6	621.7	Coal
79.2	621.1	Shale Gray
79.8	620.5	Shale Sandy Gray
83.5	616.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-051-26 W4M**

Well Number **00833**

Well Owner: **Holzapfel, John**

Elevation (AMSL) (m): **701**

AEP: **242728**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **86,079.16**

Date Started: **13 Jun 94**

Northing: **5,915,942.00**

Date Completed: **14 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **19.5** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **16.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **16.5** to **18.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **12.2**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **9.8** Drawdown (m): **2.7**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	698.2	Sand
6.1	695.2	Clay Sandy Yellow
10.7	690.6	Sand
15.2	686.0	Clay Blue
19.5	681.8	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-051-26 W4M**

Well Number **00834**

Well Owner: **Idler, Peter**

Elevation (AMSL) (m): **706**

AEP: **245040**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **86,558.17**

Date Started: **14 Jun 94**

Northing: **5,915,240.50**

Date Completed: **15 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **11.6** Bottom (m): **11.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **11.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **11.6** to **13.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **9.8** Drawdown (m): **5.5**  
 Rec'd intake (m): **10.7** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	699.9	Sand
9.1	696.9	Clay Blue
13.4	692.6	Sand Fine Grained
14.6	691.4	Clay Blue
16.8	689.2	Clay & Sand Fine Grained Blue
41.5	664.6	Clay Blue
41.8	664.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 13-051-26 W4M**

Well Number **00835**

Well Owner: **Bamber, Dan**

Elevation (AMSL) (m): **701**

AEP: **153990**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **85,932.48**

Date Started: **31 May 90**

Northing: **5,915,277.50**

Date Completed: **01 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.5** to **6.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **12.2** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	700.2	Sand Yellow
2.1	699.0	Sand Green
6.1	695.0	Sand Water Bearing Gray
6.7	694.4	Clay Blue
12.2	688.9	Clay Silty Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-26 W4M**

Well Number **00836**

Well Owner: **Hallberg, K.E.**

Elevation (AMSL) (m): **702**

AEP: **231530**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **86,144.96**

Date Started: **06 May 93**

Northing: **5,915,311.50**

Date Completed: **08 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **29.3** to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **36.9** Drawdown (m): **30.5**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.0	687.6	Sand
25.6	676.0	Sand Silty
26.8	674.8	Clay
29.3	672.3	Clay & Rocks
33.5	668.1	Siltstone
39.9	661.7	Sandstone
40.5	661.0	Shale
41.8	659.8	Sandstone
46.0	655.6	Shale
47.9	653.7	Sandstone
50.9	650.7	Shale
56.4	645.2	Sandstone
60.7	640.9	Shale
63.4	638.2	Sandstone
64.0	637.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-26 W4M**

Well Number **00837**

Well Owner: **Schindler, Fred**

Elevation (AMSL) (m): **700**

AEP: **153989**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **85,894.53**

Date Started: **02 May 90**

Northing: **5,915,129.00**

Date Completed: **02 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.3** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **584.2** Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.5** to **6.1** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **11.3** Drawdown (m): **9.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	696.6			Sand Yellow
4.6	695.4			Sand Black
6.1	693.9			Sand Water Bearing Green
9.1	690.9			Clay Silty Black
9.4	690.5			Clay Black
10.7	689.3			Clay Silty Black
11.3	688.7			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 13-051-26 W4M**

Well Number **00838**

Well Owner: **Watson, John**

Elevation (AMSL) (m): **700**

AEP: **163227**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,729.09**

Date Started: **10 Aug 89**

Northing: **5,915,464.50**

Date Completed: **11 Aug 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.2**  
 from (m): **30.8** to **32.3** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	691.1	Clay Sandy Yellow
24.7	675.5	Clay Blue
34.4	665.8	Shale Sandy Gray
36.6	663.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-15-051-26 W4M

Well Number 00839

Well Owner: **Alta Env #2327e**

Elevation (AMSL) (m): **700**

AEP: **219671**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **82,523.31**

Date Started: **20 Feb 85**

Northing: **5,915,905.50**

Date Completed: **22 Feb 85**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **91.1** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	698.8	Topsoil Black
5.8	694.2	Sand Oxidized Brown
9.1	690.9	Sand Oxidized Brown
11.9	688.1	Clay Sticky Gray
18.0	682.0	Clay Sticky Gray
20.4	679.6	Clay Sticky Gray
21.6	678.4	Gravel Glacial
24.1	675.9	Clay & Gravel Sandy Gray
24.7	675.3	Gravel Glacial
30.2	669.8	Sand & Coal Fine Grained Salt
33.2	666.8	Sand Fine Grained Gray
36.3	663.7	Sand Soft Gray
42.4	657.6	Sand Soft Gray
48.5	651.5	Sand & Coal Fine Grained Gray
54.6	645.4	Sand & Coal Fine Grained Gray
58.5	641.5	Sand Gravelly Gray
60.7	639.3	Shale & Siltstone Interbedded
61.6	638.4	Shale & Siltstone Interbedded
62.5	637.5	Coal Carbonaceous Black
66.8	633.2	Sandstone Bentonitic Light Gra
69.8	630.2	Sandstone Bentonitic Light Gra
70.1	629.9	Shale Brittle Dark Brown
72.8	627.2	Siltstone & Sandstone Interbed
73.5	626.5	Siltstone & Sandstone Interbed
78.9	621.1	Sandstone Bentonitic Gray
85.0	615.0	Siltstone & Sandstone Interbed
91.1	608.9	Siltstone Bentonitic Brown

Laboratory:		<b>16 Jun 86</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1210</b>	SAR	<b>51.10</b>
TDS	<b>757.0</b>	TKN	Selenium
Sodium	<b>322.00</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>1.00</b>	TN	Vanadium
Magnesium	<b>1.22</b>	TC	<b>0.33</b>
Carbonate	<b>29.40</b>	DIC	<b>155.8</b>
Bicarbonate	<b>773.61</b>	Arsenic	Total Hardness
Aluminum		Barium	<b>7.50</b>
Sulphate	<b>7.20</b>	Beryllium	Manganese
Chloride	<b>11.70</b>	Cadium	<b>0.01</b>
Fluoride	<b>2.34</b>	Chromium	Phosphate
Iron	<b>0.13</b>	Cobalt	Ion Balance
TOC	<b>8.30</b>	Copper	<b>1.00</b>
Silica		Lead	Amm. Nitrogen
			<b>0.05</b>
			Total Phosphate
			<b>0.01</b>
			Total Alkalinity
			<b>683.0</b>
			Nitrate&Nitrite N
			<b>0.02</b>

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**13-15-051-26 W4M**

Well Number **00840**

Well Owner: **Alta Env #2328e**

Elevation (AMSL) (m): **700**

AEP: **234317**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **82,523.31**

Date Started: **25 Feb 85**

Northing: **5,915,905.50**

Date Completed: **26 Feb 85**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **47.6** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **1.2** Bottom (m): **1.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): to **24.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): **20.4** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm):  
 from (m): **46.0** to **47.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	699.7	Topsoil
0.9	699.1	Clay
10.7	689.3	Sand
20.1	679.9	Clay
20.4	679.6	Gravel
24.1	675.9	Clay & Rocks
24.7	675.3	Gravel
30.2	669.8	Clay
47.6	652.4	Sand

**Laboratory:**

**13 Nov 85**

pH (pH unit)	<b>8.01</b>	COD	<b>27.00</b>	Mercury	
Cond. (µS/cm)	<b>1560</b>	SAR	<b>7.60</b>	Nickel	<b>0.01</b>
TDS	<b>988.0</b>	TKN		Selenium	
Sodium	<b>282.90</b>	Nitrate		Strontium	
Potassium	<b>3.91</b>	Nitrite		Molybdenum	
Calcium	<b>62.12</b>	TN	<b>0.03</b>	Vanadium	
Magnesium	<b>26.75</b>	TC	<b>1.55</b>	Zinc	<b>0.01</b>
Carbonate		DIC	<b>168.0</b>	Hydroxide	
Bicarbonate	<b>774.22</b>	Arsenic		Total Hardness	<b>265.00</b>
Aluminum		Barium	<b>0.08</b>	Manganese	<b>0.63</b>
Sulphate	<b>228.14</b>	Beryllium		Phosphate	
Chloride	<b>1.77</b>	Cadium	<b>0.01</b>	Ion Balance	<b>1.02</b>
Fluoride	<b>0.15</b>	Chromium		Amm. Nitrogen	<b>0.08</b>
Iron	<b>3.85</b>	Cobalt		Total Phosphate	
TOC	<b>9.60</b>	Copper		Total Alkalinity	<b>635.0</b>
Silica		Lead	<b>0.04</b>	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**13-15-051-26 W4M**

Well Number **00841**

Well Owner: **Alta Env #2329e**

Elevation (AMSL) (m): **700**

AEP: **234313**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **82,523.31**

Date Started: **27 Feb 85**

Northing: **5,915,905.50**

Date Completed: **28 Feb 85**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **10.7** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Peltonite**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm):  
 from (m): **9.1** to **10.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **2.3** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	699.7			Topsoil
0.9	699.1			Clay
10.7	689.3			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-15-051-26 W4M

Well Number 00842

Well Owner: Alta Env #2330e

Elevation (AMSL) (m): 700

AEP: 234322

Licence No.:

Easting: 82,523.31

Drilling Contractor: Alberta Environment/Earth Sciences Divis

Date Started: 28 Feb 85

Northing: 5,915,905.50

Date Completed: 01 Mar 85

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Rotary**  
Well Use: **Observation**  
Completed Depth **10.7** (m)  
NPWL (m): **1.8** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **9.1** Bottom (m): **9.1**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Cement/Grout**  
from (m): to **9.1**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **PI**  
OD (mm): **1.7**  
from (m): **9.1** to **10.7** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **240.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.3	699.7	Topsoil
0.9	699.1	Clay
10.7	689.3	Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



06-15-051-26 W4M

Well Number 00843

Well Owner: **Alta Env #2331e**

Elevation (AMSL) (m): **703**

AEP: **219670**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **82,882.55**

Date Started: **01 Mar 85**

Northing: **5,915,060.14**

Date Completed: **01 Mar 85**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **66.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 01 Mar 85**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	702.1	Topsoil Sandy Brown
5.8	697.2	Sand Oxidized Brown
8.2	694.8	Sand & Coal Fine Grained Gray
11.9	691.1	Silt Lacustrine Gray
18.0	685.0	Silt Lacustrine Gray
20.4	682.6	Silt Lacustrine Gray
24.1	678.9	Clay & Gravel Sandy Gray
29.6	673.5	Clay Sticky Gray
30.2	672.9	Sand Clayey Brownish Yellow
32.6	670.4	Sand Clayey Brownish Yellow
36.3	666.8	Sand & Coal Salt & Pepper
42.4	660.7	Sand Fine Grained Gray
46.0	657.0	Siltstone & Coal Gray
48.5	654.6	Shale & Sandstone Bentonitic B
54.3	648.8	Shale & Sandstone Interbedded
60.4	642.7	Sandstone Bentonitic Greenish
66.4	636.6	Sandstone Bentonitic Greenish

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**13-15-051-26 W4M**

Well Number **00844**

Well Owner: **Alta Env #2369e**

Elevation (AMSL) (m): **700**

AEP: **234325**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **82,523.31**

Date Started: **30 Oct 85**

Northing: **5,915,905.50**

Date Completed: **31 Oct 85**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **47.6** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **16.1** Bottom (m): **16.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **16.1**

**Liner:**

Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **46.0** Bottom (m): **47.6**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **PI**  
 OD (mm): **1.2**  
 from (m): **46.0** to **47.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	699.4	Topsoil Black
1.2	698.8	Clay Brown
9.1	690.9	Sand
16.1	683.8	Clay Sandy
20.4	679.6	Clay Silty
20.7	679.3	Gravel
21.0	679.0	Coal
23.2	676.8	Clay Sandy
23.8	676.2	Sand
24.4	675.6	Clay
24.7	675.3	Boulders
29.9	670.1	Clay Sandy
32.6	667.4	Clay Sandy
33.5	666.5	Clay
47.6	652.4	Sand

Laboratory: **13 Nov 85**

pH (pH unit)	<b>7.98</b>	COD	<b>24.00</b>	Mercury	
Cond. (µS/cm)	<b>1570</b>	SAR	<b>8.00</b>	Nickel	<b>0.01</b>
TDS	<b>1041</b>	TKN		Selenium	
Sodium	<b>303.60</b>	Nitrate		Strontium	
Potassium	<b>3.52</b>	Nitrite		Molybdenum	
Calcium	<b>69.14</b>	TN	<b>0.03</b>	Vanadium	
Magnesium	<b>23.71</b>	TC	<b>1.48</b>	Zinc	<b>0.01</b>
Carbonate		DIC	<b>174.6</b>	Hydroxide	
Bicarbonate	<b>890.14</b>	Arsenic		Total Hardness	<b>270.00</b>
Aluminum		Barium	<b>0.08</b>	Manganese	<b>0.73</b>
Sulphate	<b>199.32</b>	Beryllium		Phosphate	
Chloride	<b>2.84</b>	Cadium	<b>0.01</b>	Ion Balance	<b>1.00</b>
Fluoride	<b>0.16</b>	Chromium		Amm. Nitrogen	<b>0.08</b>
Iron	<b>2.79</b>	Cobalt		Total Phosphate	
TOC	<b>8.60</b>	Copper		Total Alkalinity	<b>730.0</b>
Silica		Lead	<b>0.05</b>	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 15-051-26 W4M**

Well Number **00845**

Well Owner: **Berretti, Annabel**  
 Drilling Contractor: *Hokenson Ww Ltd*

Elevation (AMSL) (m): **701**                      AEP: **158252**  
 Licence No.:    Easting: **83,762.41**  
 Date Started: **30 Apr 73**                      Northing: **5,916,055.00**  
 Date Completed: **01 May 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.7** (m)  
 NPWL (m): **21.3**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **45.1**                      Bottom (m): **45.1**  
 OD (mm): **101.6**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **45.1**                      to **46.3**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump: Crane**  
 Model: **Sub**                      Intake (m): **44.2**  
**Testing:**  
 Rate (lpm): **45.6**                      Time (minute): **480.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m): **44.2**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	694.4	Sand Brown
11.6	689.8	Sand Blue Gray
22.9	678.6	Clay Soft Gray
42.1	659.4	Clay & Rocks See Comments
49.7	651.7	Sand Fine Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-051-26 W4M**

Well Number **00846**

Well Owner: **Bittorf, R.**

Elevation (AMSL) (m): **704**

AEP: **218798**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **83,195.48**

Date Started:

Northing: **5,914,814.50**

Date Completed: **01 Apr 71**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.7** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.6** to **48.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Rapislayton** Intake (m): **32.9**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **840.0**  
 Level End (m): **24.1** Drawdown (m): **4.9**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	696.2	Sand Brown
19.8	684.0	Clay Soft Blue
30.5	673.4	Clay & Gravel Sandy
32.6	671.2	Clay & Shale Hard
36.6	667.3	Sand Fine Grained Gray
49.4	654.5	Sand
49.7	654.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 15-051-26 W4M**

Well Number **00847**

Well Owner: **Goriuk, Alex**

Elevation (AMSL) (m): **699**

AEP: **152768**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **82,680.77**

Date Started: **30 Aug 90**

Northing: **5,914,853.97**

Date Completed: **30 Aug 90**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	691.2			Sand Brown
21.0	678.1			Clay Silty
29.6	669.5			Clay Stoney
31.1	668.0			Sandstone Soft
32.0	667.1			Sandstone
32.9	666.2			Sandstone Soft
37.2	661.9			Clay
39.6	659.5			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 15-051-26 W4M**

Well Number **00848**

Well Owner: **Goriuk, Alex**

Elevation (AMSL) (m): **700**

AEP: **152769**

Licence No.:

Easting: **82,496.19**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **31 Aug 90**

Northing: **5,914,763.00**

Date Completed: **04 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.2** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3** to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Machine**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **17.4** Drawdown (m): **12.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.2	694.6		Sand Brown
	10.7	689.1		Sand Silty Gray
	19.8	680.0		Clay
	20.1	679.7		Boulders
	25.3	674.5		Clay Stoney
	27.4	672.4		Sand & Gravel Clayey
	31.4	668.4		Stones Clayey
	34.4	665.4		Sandstone
	36.0	663.9		Clay
	39.3	660.5		Shale
	46.0	653.8		Sandstone
	48.2	651.7		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 15-051-26 W4M**

Well Number **00849**

Well Owner: **Goriuk, Alex**

Elevation (AMSL) (m): **699**

AEP: **151979**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **82,680.77**

Date Started: **18 Oct 89**

Northing: **5,914,854.00**

Date Completed: **20 Oct 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **16.8** to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **25.3** to **26.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.0**

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	693.6			Sand
25.0	674.1			Clay Stoney
27.4	671.7			Sand
29.3	669.8			Clay Stoney
34.4	664.7			Clay
40.2	658.9			Shale
44.8	654.3			Sandstone
48.8	650.3			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 15-051-26 W4M**

Well Number **00850**

Well Owner: **Goriuk, Alex**

Elevation (AMSL) (m): **699**

AEP: **151978**

Licence No.:

Easting: **82,680.77**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **11 Oct 89**

Northing: **5,914,853.97**

Date Completed: **13 Oct 89**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
15.2	683.9	Clay Sandy
20.1	679.0	Clay Sandy
24.7	674.4	Clay
29.3	669.8	Shale & Sandstone
35.4	663.7	Clay
47.6	651.6	Shale
50.0	649.1	Shale
52.4	646.7	Sandstone
63.1	636.0	Shale
66.1	633.0	Shale
75.0	624.1	Sandstone
77.1	622.0	Shale
77.4	621.7	Coal
81.7	617.4	Shale
83.2	615.9	Sandstone
90.8	608.3	Shale
91.7	607.4	Sandstone
96.0	603.1	Shale
102.1	597.0	Sandstone
107.0	592.1	Shale
108.8	590.3	Sandstone
109.7	589.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**SW 16-051-26 W4M**

Well Number **00851**

Well Owner: **Bastian, Cay**

Elevation (AMSL) (m): **700**

AEP: **207405**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **80,964.44**

Date Started: **08 Jun 82**

Northing: **5,915,059.50**

Date Completed: **08 Jun 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.8** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.6** to **54.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **24.1**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	692.7	Sand Brown
10.7	689.7	Sand & Coal Gray
22.9	677.5	Clay Blue
28.7	671.7	Clay & Rocks Blue
34.8	665.6	Sand Gray
36.0	664.4	Clay Blue
46.3	654.0	Sand Gray
46.6	653.7	Coal
49.1	651.3	Sand
49.4	651.0	Clay Blue
54.9	645.5	Sand Coarse Grained Gray
55.5	644.9	Clay Blue
55.8	644.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 16-051-26 W4M**

Well Number **00853**

Well Owner: **Bastion, Cay**

Elevation (AMSL) (m): **701**

AEP: **193303**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,072.45**

Date Started: **04 May 94**

Northing: **5,915,205.50**

Date Completed: **06 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.6** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **51.8** to **53.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **51.2**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **51.2** Drawdown (m): **28.7**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	692.8			Sand Coarse Grained Brown
9.4	691.9			Coal
22.3	679.1			Clay Gray
25.0	676.4			Gravel
31.4	670.0			Clay Gray
35.7	665.7			Sand
37.8	663.6			Clay Gray
41.5	659.9			Sand
49.1	652.3			Clay Sandy Gray
54.6	646.8			Sand & Sandstone Coarse Graine

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-051-26 W4M**

Well Number **00854**

Well Owner: **Fairweather, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186718**  
 Easting: **80,658.02**  
 Northing: **5,915,287.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 16-051-26 W4M**

Well Number **00855**

Well Owner: **Harper, M.**

Elevation (AMSL) (m): **699**

AEP: **167705**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,047.79**

Date Started: **21 Jul 92**

Northing: **5,914,833.14**

Date Completed: **23 Jul 92**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment: **Bentonite Product 17 Aug 92**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.1** Bottom (m): **52.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **52.1** to **53.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g05422** Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **21.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	691.1	Sand Fine Grained
27.7	671.6	Clay & Sand Gray
28.4	671.0	Coal
29.0	670.4	Shale Brown
29.9	669.5	Shale Green
31.4	668.0	Shale Brown
34.1	665.2	Clay Gray
35.4	664.0	Sand Fine Grained
37.2	662.2	Clay Gray
41.5	657.9	Sand Fine Grained
43.0	656.4	Clay Gray
50.9	648.5	Clay & Sand
54.9	644.5	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 16-051-26 W4M**

Well Number **00856**

Well Owner: **Harper, Maryetta**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167566**  
 Easting: **81,047.79**  
 Northing: **5,914,833.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-051-26 W4M**

Well Number **00857**

Well Owner: **Mcbride, Bruce**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156623**  
 Easting: **80,098.91**  
 Northing: **5,915,898.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **47.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-051-26 W4M**

Well Number **00858**

Well Owner: **Gibbs, Graham**

Elevation (AMSL) (m): **706**

AEP: **152132**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,481.49**

Date Started: **26 Jun 90**

Northing: **5,915,771.50**

Date Completed: **26 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **40.2** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.2** Bottom (m): **67.7**  
 Perforated How: **Machine**  
 from (m): **40.2** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.5** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.3	695.2			Sand
28.7	677.8			Clay Blue
36.0	670.5			Shale Sandy Gray
38.4	668.1			Shale Brown
40.8	665.6			Shale Gray
44.2	662.3			Shale & Coal Brown
49.7	656.8			Shale Gray
52.1	654.3			Shale & Coal Brown
53.6	652.8			Shale Gray
57.3	649.2			Shale Sandy Gray
59.1	647.3			Shale Gray
66.4	640.0			Shale Sandy Gray
68.6	637.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 17-051-26 W4M**

Well Number **00859**

Well Owner: **Hill, David/Joanne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160782**  
 Easting: **79,398.43**  
 Northing: **5,915,724.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-051-26 W4M**

Well Number **00860**

Well Owner: **Kochan, Terry**

Elevation (AMSL) (m): **709**

AEP: **162209**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,394.77**

Date Started: **21 Oct 91**

Northing: **5,915,780.50**

Date Completed: **23 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **28.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **67.7**  
 Perforated How: **Saw**  
 from (m): **25.0** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	701.3	Sand Yellow
9.4	699.4	Sand Black
26.8	682.1	Clay Blue
29.6	679.3	Shale Brown
39.6	669.3	Shale Sandy Gray
42.7	666.2	Shale & Coal Brown
49.7	659.2	Shale Gray
50.9	658.0	Coal
54.3	654.6	Shale Green
67.1	641.8	Shale Sandy Gray
68.6	640.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-051-26 W4M**

Well Number **00861**

Well Owner: **Bayne, R.G.**

Elevation (AMSL) (m): **700**

AEP: **167707**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **78,596.93**

Date Started: **16 Aug 92**

Northing: **5,915,616.36**

Date Completed: **16 Aug 92**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **16 Aug 92**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	695.2	Sand Brown
9.4	690.9	Sand Gray
22.9	677.5	Clay & Rocks
26.8	673.5	Shale & Sandstone Soft
32.9	667.4	Shale & Sandstone
35.0	665.3	Sandstone
38.1	662.3	Shale
46.3	654.0	Shale & Sandstone
50.3	650.1	Shale
58.2	642.1	Sandstone
61.0	639.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 18-051-26 W4M**

Well Number **00862**

Well Owner: **Strand, Mike**

Elevation (AMSL) (m): **700**

AEP: **150884**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **78,806.98**

Date Started: **10 Mar 90**

Northing: **5,915,856.00**

Date Completed: **13 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **53.3** to  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **68.6**  
 Perforated How: **Machine**  
 from (m): **56.4** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **39.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	693.1	Sand
14.3	685.5	Clay Gray
20.7	679.1	Gravel
33.5	666.3	Clay Brown
45.7	654.1	Coal Clayey
54.0	645.9	Clay
54.9	645.0	Shale Gray
59.4	640.4	Sandstone
61.0	638.9	Coal
68.6	631.3	Sandstone
70.1	629.7	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-051-26 W4M**

Well Number **00863**

Well Owner: **Strand, Mike**

Elevation (AMSL) (m): **700**

AEP: **153887**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **78,806.98**

Date Started: **19 Nov 90**

Northing: **5,915,856.00**

Date Completed: **23 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **76.2**  
 Perforated How: **Machine**  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **540.0**  
 Level End (m): **70.1** Drawdown (m): **48.8**  
 Rec'd intake (m): **68.6** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	692.5	Sand
13.7	686.1	Clay
24.4	675.5	Sand & Gravel
39.6	660.2	Clay
54.9	645.0	Sand & Gravel See Comments
57.9	641.9	Sandstone
62.5	637.4	Shale Gray
64.0	635.8	Shale Brown
65.5	634.3	Sandstone
68.3	631.6	Shale Gray
69.5	630.3	Shale Brown
70.1	629.7	Shale Gray
72.5	627.3	Sandstone
73.2	626.7	Shale Gray
74.7	625.2	Sandstone
76.2	623.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-051-26 W4M**

Well Number **00864**

Well Owner: **Hackett, Thomas & Jean**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156624**  
 Easting: **78,632.11**  
 Northing: **5,915,070.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **14.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-051-26 W4M**

Well Number **00865**

Well Owner: **Harrison, Sandy**

Elevation (AMSL) (m): **699**

AEP: **159487**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **78,632.11**

Date Started: **15 Sep 91**

Northing: **5,915,070.50**

Date Completed: **17 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.6** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **7.3**  
 from (m): **18.0** to **18.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **20.4** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	687.6	Sand Silty Brown
16.1	682.8	Clay Brown
17.4	681.5	Clay Blue
18.9	680.0	Sand Silty Brown
21.6	677.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-051-26 W4M**

Well Number **00866**

Well Owner: **Vermeeren, Tom**

Elevation (AMSL) (m): **701**

AEP: **158143**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,767.55**

Date Started: **10 Dec 90**

Northing: **5,915,264.00**

Date Completed: **10 Dec 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.3** to **51.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	693.3	Sand
16.8	684.2	Clay Blue
33.5	667.4	Clay & Rocks Blue
38.1	662.8	See Comments
39.6	661.3	Shale
42.1	658.9	Sand
44.2	656.7	Shale
51.8	649.1	Sand
55.8	645.2	Clay Yellow
56.4	644.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 18-051-26 W4M**

Well Number **00867**

Well Owner: **Beilman, Chris**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186721**  
 Easting: **77,896.79**  
 Northing: **5,914,856.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 18-051-26 W4M**

Well Number **00868**

Well Owner: **Cherewiyk, Jerry**

Elevation (AMSL) (m): **703**

AEP: **153886**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,797.07**

Date Started: **29 Oct 90**

Northing: **5,914,791.00**

Date Completed: **29 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.1** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.0** to **51.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **20.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	694.4	Sand Brown
23.2	679.7	Clay See Comments
23.8	679.1	Clay
24.7	678.2	Sandstone
31.7	671.2	Shale
34.8	668.1	Sandstone
36.3	666.6	Sandstone
36.9	666.0	Shale
52.1	650.8	Sand Cemented

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-051-26 W4M**

Well Number **00869**

Well Owner: **Cherweyk, Jerry**

Elevation (AMSL) (m): **703**

AEP: **153988**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,797.07**

Date Started: **26 Sep 90**

Northing: **5,914,791.00**

Date Completed: **26 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **47.2** to **48.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **7.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	699.5	Sand Silty
19.8	683.1	Clay Silty
20.4	682.5	Sand & Gravel Clayey
21.6	681.3	Sandstone Soft
25.9	677.0	Shale
28.4	674.5	Siltstone
34.4	668.5	Shale & Siltstone
50.0	652.9	Sand & Coal Cemented
50.3	652.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-051-26 W4M**

Well Number **00870**

Well Owner: **Double D Foods**

Elevation (AMSL) (m): **703**

AEP: **238847**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **77,797.07**

Date Started: **13 Oct 92**

Northing: **5,914,791.00**

Date Completed: **13 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **45.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **9.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	691.3	Sand Brown
25.0	677.9	Clay Blue
36.6	666.3	Shale
50.3	652.6	Sand Coarse Grained
53.3	649.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-051-26 W4M**

Well Number **00871**

Well Owner: **Hill, Doug**

Elevation (AMSL) (m): **703**

AEP: **152368**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,797.07**

Date Started: **23 May 90**

Northing: **5,914,791.00**

Date Completed: **29 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **39.9** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.1** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **44.8** Drawdown (m): **26.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	698.9	Sand Brown
5.8	697.1	Clay Yellow
15.9	687.0	Clay Silty
21.9	681.0	Shale
26.8	676.1	Sandstone Soft
29.3	673.6	Shale & Coal
39.0	663.9	Shale
40.8	662.1	Siltstone
42.1	660.8	Shale
42.4	660.5	Coal
46.0	656.9	Shale
46.3	656.6	Coal
60.4	642.5	Shale
62.2	640.7	Shale & Coal
64.9	638.0	Shale
66.4	636.5	Sandstone
69.5	633.4	Shale
72.2	630.7	Sandstone
74.4	628.5	Shale
78.3	624.6	Sandstone
79.8	623.0	Shale
82.0	620.9	Siltstone
85.0	617.9	Sandstone
85.3	617.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-051-26 W4M**

Well Number **00872**

Well Owner: **Hoffman, Dave**

Elevation (AMSL) (m): **701**

AEP: **245042**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,816.42**

Date Started: **15 Apr 94**

Northing: **5,915,283.50**

Date Completed: **16 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.3**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **34.1** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **36.3** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **23.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	694.8	Clay Sandy Yellow
18.3	682.6	Clay Blue
19.5	681.4	Clay & Sand Coarse Grained
28.0	672.9	Shale Brittle Gray
29.6	671.3	Shale Green
34.1	666.8	Sand & Coal
38.1	662.8	Shale Gray
39.6	661.3	Shale Sandy Gray
40.2	660.7	Coal
42.7	658.2	Shale Sandy Gray
44.8	656.1	Shale Gray
53.0	647.9	Shale Sandy Gray
54.0	647.0	Shale & Coal Brown
55.5	645.4	Shale Sandy Gray
59.4	641.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-051-26 W4M**

Well Number **00873**

Well Owner: **Mcnalley, Richard**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **193956**  
 Easting: **77,867.02**  
 Northing: **5,915,307.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 18-051-26 W4M**

Well Number **00874**

Well Owner: **Pannu, John**

Elevation (AMSL) (m): **703**

AEP: **152429**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **77,797.07**

Date Started: **29 May 90**

Northing: **5,914,791.00**

Date Completed: **30 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.0** Bottom (m): **53.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.0** to **54.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **49.4**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **54.3** Drawdown (m): **36.0**  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
6.7	696.2	Sand	
11.6	691.3	Clay	
15.9	687.0	Sand	
35.0	667.8	Clay	
54.3	648.6	Sand	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 19-051-26 W4M**

Well Number **00875**

Well Owner: **Johner, Peter**

Elevation (AMSL) (m): **701**

AEP: **206627**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,759.69**

Date Started: **13 May 93**

Northing: **5,917,818.50**

Date Completed: **14 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.2** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **33.2** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	691.8	Sand
25.9	675.1	Clay Soft Blue
26.8	674.1	Sand
28.4	672.6	Clay Blue
29.3	671.7	Sand
30.5	670.5	Clay Blue
35.0	665.9	Shale Sandy Gray
39.0	662.0	Shale Gray
42.7	658.3	Shale Sandy Gray
44.5	656.5	Shale Gray
46.0	654.9	Shale Brown
50.0	651.0	Shale Gray
50.9	650.1	Coal
58.5	642.4	Shale Green
59.4	641.5	Shale & Coal Brown
61.0	640.0	Shale Gray
70.7	630.3	Shale Sandy Gray
77.7	623.2	Shale Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-051-26 W4M**

Well Number **00876**

Well Owner: **Mcintyre, A.**

Elevation (AMSL) (m): **700**

AEP: **151107**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **78,575.29**

Date Started: **25 Sep 89**

Northing: **5,917,227.83**

Date Completed: **25 Sep 89**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	695.3	Sand
18.6	681.9	Sand Silty
20.1	680.3	Sand
24.7	675.8	Sand Silty
26.2	674.2	Sand
29.3	671.2	Clay Stony
34.1	666.3	Siltstone
42.7	657.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 19-051-26 W4M**

Well Number **00877**

Well Owner: **Mcintyre, AI**

Elevation (AMSL) (m): **700**

AEP: **150885**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **78,575.29**

Date Started: **13 Mar 90**

Northing: **5,917,227.83**

Date Completed: **14 Mar 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **2.3** Time (minute): **240.0**  
 Level End (m): **115.8** Drawdown (m): **70.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	695.0	Sand
22.3	678.2	Clay Sandy Blue
23.8	676.7	Coal
36.0	664.5	Shale Gray
38.7	661.7	Sandstone
47.6	652.9	Shale Gray
61.6	638.9	Shale Green
64.0	636.5	Sandstone
65.5	634.9	Shale & Coal Brown
90.5	609.9	Shale Gray
92.7	607.8	Sandstone
106.4	594.1	Shale Gray
111.9	588.6	Sandstone
121.9	578.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 19-051-26 W4M**

Well Number **00878**

Well Owner: **Kent, Peter**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161593**  
 Easting: **77,695.38**  
 Northing: **5,917,834.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-051-26 W4M**

Well Number **00879**

Well Owner: **Mcintyre, Pat**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186722**  
 Easting: **77,695.38**  
 Northing: **5,917,834.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 19-051-26 W4M**

Well Number **00880**

Well Owner: **Kulak, Cliff**

Elevation (AMSL) (m): **702**

AEP: **220736**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **78,884.46**

Date Started: **27 Aug 93**

Northing: **5,916,380.00**

Date Completed: **27 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic & Stock**  
 Completed Depth **14.6** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.6** Bottom (m): **14.6**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **5.5** to **5.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **6.7** to **7.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **14.6**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **12.8** Drawdown (m): **7.3**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	696.1			Sand Brown
7.3	694.3			Sand Coarse Grained Gray
9.8	691.9			Sand Dirty
14.6	687.0			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 19-051-26 W4M**

Well Number **00881**

Well Owner: **Minion, D.W.**

Elevation (AMSL) (m): **702**

AEP: **255800**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **77,388.98**

Date Started: **24 Nov 81**

Northing: **5,916,808.00**

Date Completed: **25 Nov 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **58.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **27.7**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **57.9**  
 Perforated How: **Machine**  
 from (m): **27.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **27.4**

**Testing:**  
 Rate (lpm): **10.3** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
15.9	686.3		Clay
22.9	679.3		Clay
28.0	674.1		Shale
30.5	671.6		Clay & Sand
39.9	662.2		Shale
40.2	661.9		Coal
41.8	660.4		Shale
43.3	658.8		Sandstone
44.2	657.9		Shale
44.8	657.3		Coal
46.6	655.5		Shale
57.9	644.2		Sandstone
58.2	643.9		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-051-26 W4M**

Well Number **00882**

Well Owner: **Minion, D.W.**

Elevation (AMSL) (m): **702**

AEP: **255801**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **77,388.98**

Date Started: **30 Nov 94**

Northing: **5,916,808.00**

Date Completed: **30 Nov 94**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jet Sub**

Model: **Grundfos** Intake (m): **61.0**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **37.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
57.9	644.2	Old Well
60.0	642.1	Sandstone
63.7	638.4	Shale Gray
70.4	631.7	Sandstone
72.2	629.9	Shale Brown
73.2	629.0	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



02-21-051-26 W4M

Well Number 00883

Well Owner: **Cook, Bruce**

Elevation (AMSL) (m): **700**

AEP: **217957**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,513.80**

Date Started: **04 Aug 93**

Northing: **5,916,510.50**

Date Completed: **05 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **60.0** to **61.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **70.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **5g05422** Intake (m): **70.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **33.5**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.3	689.0	Sand Brown
18.0	682.3	Clay Gray
23.2	677.1	Sand & Coal
29.6	670.7	Clay Gray
57.0	643.3	Sand & Coal Clayey Gray
58.8	641.4	Shale Green
60.0	640.2	Sandstone
62.2	638.1	Shale Green
64.6	635.6	Shale Brown
66.4	633.8	Sandstone
68.9	631.4	Shale Gray
70.7	629.5	Shale Brown
74.4	625.9	Sandstone
76.5	623.7	Shale Gray
80.2	620.1	Sandstone
82.6	617.6	Shale Gray
85.3	614.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-051-26 W4M**

Well Number **00884**

Well Owner: **Cunningham, Roy**

Elevation (AMSL) (m): **699**

AEP: **156979**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **81,819.62**

Date Started: **23 Jul 90**

Northing: **5,917,577.50**

Date Completed: **24 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.6** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **3.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **6.7** to **7.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **11.6** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	694.3	Sand Silty
5.2	693.7	Clay Gray
7.9	691.0	Sand & Coal
13.7	685.2	Clay Blue
14.0	684.9	Sand & Coal
20.7	678.2	Clay Blue
21.3	677.6	Sand & Gravel See Comments
21.6	677.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

08-22-051-26 W4M

Well Number 00885

Well Owner: **Dixon, Shirley**

Elevation (AMSL) (m): **702**

AEP: **185960**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **83,597.25**

Date Started: **21 Oct 92**

Northing: **5,916,928.50**

Date Completed: **22 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **61.0** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **43.3** to **44.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **53.6** to **55.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **26.2** Drawdown (m): **2.1**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.6	690.2	Sand Brown
23.8	678.0	Clay Silty
31.4	670.4	Clay & Rocks
44.2	657.6	Sand
45.1	656.6	Clay
56.7	645.1	Sand
57.9	643.8	Sandstone
61.0	640.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-22-051-26 W4M

Well Number 00886

Well Owner: **Kolesch, E.H.**

Elevation (AMSL) (m): **701**

AEP: **272587**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **83,135.70**

Date Started: **08 Nov 82**

Northing: **5,916,472.50**

Date Completed: **09 Nov 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Loose**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **46.9** to **48.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): Drawdown (m): **12.5**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
6.1	694.4		Sand
24.7	675.8		Clay
29.9	670.7		Sand
40.2	660.3		Clay
48.8	651.8		Sand
49.4	651.1		Shale
50.6	649.9		Sandstone
54.9	645.7		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NE 22-051-26 W4M**

Well Number **00887**

Well Owner: **Goebel, Spencer/Dixon, Shirle**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **701**                      AEP: **152800**  
 Licence No.:    Easting: **83,594.45**  
 Date Started: **30 Aug 90**                      Northing: **5,917,717.00**  
 Date Completed: **31 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **25.9**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **49.1**                      Bottom (m): **49.1**  
 OD (mm): **127.0**                      Thickness (mm): **0.1**  
 Seal Type:  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **49.1**                      to **50.6**                      Size: **0.02**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **420.0**  
 Level End (m): **30.5**                      Drawdown (m): **4.6**  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	689.6	Sand Fine Grained Yellow
33.5	667.6	Clay Soft Blue
51.8	649.3	Sand
54.9	646.3	Shale Light Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 22-051-26 W4M**

Well Number **00888**

Well Owner: **Becic, Mark/Lorraine**

Elevation (AMSL) (m): **702**

AEP: **216215**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **82,650.02**

Date Started: **09 Jul 93**

Northing: **5,917,277.50**

Date Completed: **09 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **63.1** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **48.5** to **49.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **57.3** to **58.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **7g05412** Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **360.0**  
 Level End (m): **45.7** Drawdown (m): **22.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	696.6	Sand
10.7	691.1	Clay Silty
22.6	679.2	Clay
31.1	670.6	Clay & Rocks
59.7	642.0	Sand
63.1	638.6	Shale Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-26 W4M**

Well Number **00889**

Well Owner: **Dressler, Don**

Elevation (AMSL) (m): **702**

AEP: **183128**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **82,650.02**

Date Started: **08 Nov 93**

Northing: **5,917,277.50**

Date Completed: **09 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **26.8** Drawdown (m): **4.9**  
 Rec'd intake (m): **26.8** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	699.3	Sand	Yellow	
9.1	692.6	Sand		
29.0	672.8	Clay	Blue	
37.5	664.2	Shale	Sandy Gray	
57.9	643.8	See	Comments	
61.0	640.8	Shale	Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-26 W4M**

Well Number **00890**

Well Owner: **Fraser, Allan**

Elevation (AMSL) (m): **702**

AEP: **163077**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **82,650.02**

Date Started: **31 Jul 91**

Northing: **5,917,277.50**

Date Completed: **01 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.0** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **48.8** to **49.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **57.6** to **59.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **13.7**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.8	681.9			Sand & Silt
20.7	681.0			Clay Blue
23.8	678.0			Sand
43.3	658.5			Clay & Boulders
49.7	652.1			Clay Sandy Blue
60.0	641.7			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 22-051-26 W4M**

Well Number **00891**

Well Owner: **Fraser, Ken**

Elevation (AMSL) (m): **702**

AEP: **163065**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **82,650.02**

Date Started: **02 Aug 91**

Northing: **5,917,277.50**

Date Completed: **02 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **57.0** to **58.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **57.0** to **58.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **15.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.9	679.8	Sand
43.0	658.8	Clay Blue
50.3	651.4	Sand & Silt
58.5	643.2	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-26 W4M**

Well Number **00892**

Well Owner: **Stark, Dale/Angela**

Elevation (AMSL) (m): **702**

AEP: **235922**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **82,650.02**

Date Started: **08 Mar 94**

Northing: **5,917,277.50**

Date Completed: **08 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **35.7** to **36.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **54.3** to **55.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **7g05412** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **1.8**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	693.2	Sand
12.5	689.2	Clay Silty
24.1	677.7	Clay
24.7	677.0	Rocks
29.0	672.8	Clay
37.8	663.9	Shale & Sandstone
57.3	644.4	See Comments
57.9	643.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-26 W4M**

Well Number **00893**

Well Owner: **Vani, Enzo**

Elevation (AMSL) (m): **702**

AEP: **229716**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,650.02**

Date Started: **10 Sep 93**

Northing: **5,917,277.50**

Date Completed: **10 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.5** (m)  
 NPWL (m): **25.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **43.6** to **45.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **44.8**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **42.7** Drawdown (m): **16.8**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	688.9	Sand
24.1	677.7	Clay Blue
25.3	676.4	Sand
32.9	668.8	Shale & Sandstone Gray
35.0	666.7	Sandstone
38.4	663.3	Shale Gray
45.4	656.3	Sandstone Coarse Grained
48.5	653.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-26 W4M**

Well Number **00894**

Well Owner: **Win Alta Shelters**  
 Drilling Contractor: **Rodco Drilling**

Elevation (AMSL) (m): **702**      AEP: **195402**  
 Licence No.:      Easting: **82,650.02**  
 Date Started: **18 Apr 92**      Northing: **5,917,277.50**  
 Date Completed: **18 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **22.6**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2**      Bottom (m): **47.2**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **42.1**      to **42.7**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.2**      to **48.8**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **68.4**      Time (minute): **120.0**  
 Level End (m): **45.7**      Drawdown (m): **23.2**  
 Rec'd intake (m): **45.7**      Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	699.6	Clay Sandy
7.6	694.1	Sand
33.5	668.2	Clay Blue
36.6	665.2	Clay & Sand
48.8	653.0	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-051-26 W4M**

Well Number **00895**

Well Owner: **Holst, Peter**

Elevation (AMSL) (m): **701**

AEP: **238745**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **83,407.91**

Date Started: **29 Sep 93**

Northing: **5,916,714.50**

Date Completed: **30 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **42.7** to **44.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **45.7** to **47.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **47.2**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **47.2** Drawdown (m): **30.5**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	691.1	Sand Brown
23.2	678.0	Clay Soft Blue
27.7	673.4	Clay Sandy
31.1	670.1	Clay Gray
39.9	661.2	Sand Fine Grained Gray
47.9	653.3	Sand Gray
50.3	650.9	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-051-26 W4M**

Well Number **00896**

Well Owner: **Pears, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161594**  
 Easting: **83,407.91**  
 Northing: **5,916,714.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-051-26 W4M**

Well Number **00897**

Well Owner: **Saulit, Ken**

Elevation (AMSL) (m): **701**

AEP: **227855**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **83,407.91**

Date Started: **19 Mar 93**

Northing: **5,916,714.50**

Date Completed: **19 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **50.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.6** to **52.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **15.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	698.1			Sand Silty
11.3	689.9			Sand & Coal
37.5	663.7			Clay Blue
56.4	644.8			Sand
57.9	643.3			Clay Yellow
59.4	641.7			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 23-051-26 W4M**

Well Number **00898**

Well Owner: **Billesberger, Darrell**

Elevation (AMSL) (m): **701**

AEP: **169277**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **85,113.21**

Date Started: **18 Aug 92**

Northing: **5,917,593.50**

Date Completed: **19 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.9** (m)  
 NPWL (m): **5.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **12.2** to **13.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **11.3**

**Testing:**

Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): **9.1** Drawdown (m): **3.4**  
 Rec'd intake (m): **11.3** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	694.5			Sand Brown
13.7	686.9			Sand Gray
16.5	684.2			Sand Silty
26.2	674.4			Clay & Shale Soft
29.9	670.8			Sandstone
30.8	669.8			Shale Crumbly
32.9	667.7			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 23-051-26 W4M**

Well Number **00899**

Well Owner: **Elsie Biewald Farm**

Elevation (AMSL) (m): **702**

AEP: **150966**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,171.48**

Date Started: **20 Mar 90**

Northing: **5,917,839.50**

Date Completed: **20 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **56.4** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **45.1** to **46.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	691.7	Clay Silty Yellow
39.6	662.7	Clay Soft Blue
47.2	655.1	Sand
54.9	647.5	Clay Yellow
56.4	645.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-051-26 W4M**

Well Number **00900**

Well Owner: **Becic, Mark**

Elevation (AMSL) (m): **701**

AEP: **151980**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **84,293.46**

Date Started: **05 Oct 89**

Northing: **5,916,498.00**

Date Completed: **07 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.8** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **43.0** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **41.2**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **44.2** Drawdown (m): **17.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	689.6	Sand
26.2	674.6	Silt Sandy
32.0	668.8	Till
36.0	664.9	Till Sandy
44.5	656.3	Coal Sandy
44.8	656.0	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-051-26 W4M**

Well Number **00901**

Well Owner: **Buckley, John E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156625**  
 Easting: **84,293.46**  
 Northing: **5,916,498.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 23-051-26 W4M**

Well Number **00902**

Well Owner: **Mcleod, Don**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161595**  
 Easting: **84,293.46**  
 Northing: **5,916,498.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 24-051-26 W4M**

Well Number **00903**

Well Owner: **Hansen, Janet**

Elevation (AMSL) (m): **696**

AEP: **150969**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **85,938.44**

Date Started: **22 Mar 90**

Northing: **5,917,613.00**

Date Completed: **23 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **76.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.1** to **43.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **35.0** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	687.0	Sand Silty
42.7	653.5	Clay Soft Blue
43.9	652.3	Coal Sandy
46.9	649.2	Clay Blue
49.4	646.8	Shale Green
57.9	638.2	Shale Sandy Gray
76.2	619.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-051-26 W4M**

Well Number **00904**

Well Owner: **Kulay, Ross**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **697**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186724**  
 Easting: **85,588.95**  
 Northing: **5,918,253.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

---26-051-26 W4M

Well Number 00905

Well Owner: **Krysa, Clifford Well #1**

Elevation (AMSL) (m): **697**

AEP: **193957**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,596.82**

Date Started:

Northing: **5,918,751.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

---26-051-26 W4M

Well Number 00906

Well Owner: **Krysa, Clifford Well #2**

Elevation (AMSL) (m): **697**

AEP: **193958**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,596.82**

Date Started:

Northing: **5,918,751.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



08-26-051-26 W4M

Well Number 00907

Well Owner: **Lyon, Al/Mary**

Elevation (AMSL) (m): **698**

AEP: **186726**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **85,072.14**

Date Started: **11 Oct 92**

Northing: **5,918,720.00**

Date Completed: **12 Oct 92**

**General:**

Type of Work: **New Well**  
Drilling Method: **Bored**  
Well Use: **Domestic & Stock**  
Completed Depth **20.7** (m)  
NPWL (m): **4.6** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **20.7** Bottom (m): **20.7**  
OD (mm): **609.6** Thickness (mm): **0.0**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): **3.4** to **3.7**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **0.6**  
from (m): **9.1** to **9.8** Size: **0.02**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.2**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
Level End (m): **15.2** Drawdown (m): **19.8**  
Rec'd intake (m): **19.2** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	693.7	Silt Brown
5.8	692.2	Clay Blue
9.8	688.3	Sand Silty
11.3	686.7	Clay Blue
15.9	682.2	Sand Silty
19.5	678.5	Clay Blue
20.1	677.9	Sand Silty
20.7	677.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-26 W4M**

Well Number **00908**

Well Owner: **Aubrey, David**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161596**  
 Easting: **85,249.56**  
 Northing: **5,918,960.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 26-051-26 W4M**

Well Number **00909**

Well Owner: **Cressman, Freda & Harold**

Elevation (AMSL) (m): **699**

AEP: **159257**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **85,071.70**

Date Started: **14 Mar 91**

Northing: **5,918,933.50**

Date Completed: **14 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.9** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.0**

**Testing:**

Rate (lpm): **27.4** Time (minute): **480.0**  
 Level End (m): **26.8** Drawdown (m): **6.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	694.3	Clay Sandy
23.5	675.4	Clay Silty
33.2	665.6	Clay
36.9	661.9	Sand
39.9	658.9	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 26-051-26 W4M**

Well Number **00910**

Well Owner: **Dauhsman, Carl**  
 Drilling Contractor: *Kc Drilling (Leduc)*

Elevation (AMSL) (m): **698**      AEP: **169179**  
 Licence No.:      Easting: **85,201.46**  
 Date Started:      Northing: **5,918,826.50**  
 Date Completed: **04 Nov 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **14.3** (m)  
 NPWL (m): **2.1**      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **14.3**      Bottom (m): **14.3**  
 OD (mm): **609.6**      Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m):      to **3.1**

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.8**      to **6.1**      Size: **0.01**  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m): **12.8**

**Testing:**  
 Rate (lpm): **8.0**      Time (minute): **240.0**  
 Level End (m): **14.3**      Drawdown (m): **12.2**  
 Rec'd intake (m):      Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	696.6	Clay Sandy Brown
3.1	695.1	Clay Sandy Black
4.0	694.2	Clay & Silt Water Bearing Blac
6.4	691.7	Sand & Silt Water Bearing Blac
9.1	689.0	Clay Silty Black
14.3	683.8	Clay Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-26 W4M**

Well Number **00911**

Well Owner: **Langhout, Stephen**

Elevation (AMSL) (m): **699**

AEP: **158253**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **85,316.68**

Date Started: **11 Sep 89**

Northing: **5,918,814.00**

Date Completed: **11 Sep 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **14.6** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.6** Bottom (m): **14.6**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **7.9** to **8.5** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **14.6** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	695.8	Clay Sandy Brown
5.2	693.3	Sand & Clay Stringers Silty Bl
5.8	692.7	Sand Silty
7.0	691.5	Clay Silty Black
7.6	690.9	Clay Black
8.8	689.7	Sand See Comments Black
13.7	684.8	Clay Black
14.6	683.9	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-26 W4M**

Well Number **00912**

Well Owner: **Lesko, Andrew**

Elevation (AMSL) (m): **698**

AEP: **152072**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **84,986.68**

Date Started: **07 Jun 90**

Northing: **5,918,850.00**

Date Completed: **07 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **14.9** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.9** Bottom (m): **14.9**  
 OD (mm): **635.0** Thickness (mm): **0.2**  
 Seal Type: **Puddled Clay**  
 from (m): **3.1** to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.0**  
 from (m): **10.7** to **11.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.7**

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **14.9** Drawdown (m): **12.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	695.6			Sand Yellow
6.1	691.9			Sand Silty Black
7.0	691.0			Clay Black
11.3	686.7			Sand Water Bearing Black
13.7	684.3			Clay Silty Black
14.9	683.1			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-26 W4M**

Well Number **00913**

Well Owner: **Mistrzat, Antoinette**

Elevation (AMSL) (m): **696**

AEP: **195405**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **85,346.88**

Date Started: **08 Apr 92**

Northing: **5,919,081.50**

Date Completed: **11 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **22.9** to **23.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **31.4** to **32.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **720.0**  
 Level End (m): **29.0** Drawdown (m): **26.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	689.1	Clay
22.9	673.0	Clay Blue
23.2	672.7	Sand
31.4	664.5	Clay
32.9	662.9	Sand Coarse Grained
36.6	659.3	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-26 W4M**

Well Number **00914**

Well Owner: **Newman, Duane**

Elevation (AMSL) (m): **699**

AEP: **162005**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **85,071.70**

Date Started: **11 Jun 88**

Northing: **5,918,933.50**

Date Completed: **11 Jun 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **14.6** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **14.6** Bottom (m): **14.6**  
 OD (mm): **660.4** Thickness (mm): **0.0**  
 Seal Type: **Clay Cap**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **5.8** to **6.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.7**

**Testing:**

Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **14.6** Drawdown (m): **11.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	695.2	Sand	Yellow	
6.4	692.4	Sand	Water Bearing Black	
8.2	690.6	Clay	Silty Black	
14.6	684.2	Clay	Blue	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 26-051-26 W4M**

Well Number **00915**

Well Owner: **Slywka, Ronald William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169511**  
 Easting: **85,071.70**  
 Northing: **5,918,933.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **17.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 26-051-26 W4M**

Well Number **00916**

Well Owner: **Lyons, A**

Elevation (AMSL) (m): **700**

AEP: **274959**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **85,005.56**

Date Started:

Northing: **5,918,351.50**

Date Completed: **01 Oct 71**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.0** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Concrete**  
 Depth (m): **11.0** Bottom (m): **11.0**  
 OD (mm): **609.6** Thickness (mm):  
 Seal Type: **Gravel Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	696.3	Sand Brown
11.0	689.0	Quicksand Gray

Laboratory:			<b>23 May 72</b>
pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>700.0</b>	SAR	Nickel
TDS	<b>689.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>93.99</b>	TN	Vanadium
Magnesium	<b>33.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>376.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>456.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-051-26 W4M**

Well Number **00917**

Well Owner: **Vallee, Andre**

Elevation (AMSL) (m): **703**

AEP: **220737**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **84,704.89**

Date Started: **25 Jan 93**

Northing: **5,918,502.50**

Date Completed: **26 Jan 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **13.7** to **14.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **13.4**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	694.9	Sand Silty
9.8	692.8	Clay
14.6	687.9	Sand Gray
21.3	681.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 26-051-26 W4M**

Well Number **00918**

Well Owner: **Blume, Brad**

Elevation (AMSL) (m): **700**

AEP: **159054**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **84,207.58**

Date Started: **06 Sep 91**

Northing: **5,918,380.50**

Date Completed: **06 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **127.0** Thickness (mm): **0.2**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **58.5** to **60.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **60.0**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **18.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	691.7	Sand Brown
16.8	682.9	Sand & Silt Gray
28.0	671.6	Silt Gray
39.0	660.6	Clay & Rocks Gray
40.8	658.8	Sandstone Gray
41.8	657.9	Shale Brownish Gray
45.4	654.2	Shale & Sandstone
46.6	653.0	Shale Fractured
61.0	638.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-051-26 W4M**

Well Number **00919**

Well Owner: **Daugela, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156626**  
 Easting: **84,207.58**  
 Northing: **5,918,380.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 26-051-26 W4M**

Well Number **00920**

Well Owner: **Frahlich, Joseph**

Elevation (AMSL) (m): **700**

AEP: **151981**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **84,207.58**

Date Started: **27 Nov 89**

Northing: **5,918,380.50**

Date Completed: **28 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **37.8** to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **33.2** Drawdown (m): **2.7**  
 Rec'd intake (m): **48.2** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	689.0	Sand
32.0	667.6	Clay Stony
32.6	667.0	Sand
37.8	661.9	Clay
64.0	635.6	Sand Cemented

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-051-26 W4M**

Well Number **00921**

Well Owner: **Green**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **196663**  
 Easting: **84,207.58**  
 Northing: **5,918,380.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 26-051-26 W4M**

Well Number **00922**

Well Owner: **Nelson, John**

Elevation (AMSL) (m): **700**

AEP: **153527**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **84,207.58**

Date Started: **04 Nov 89**

Northing: **5,918,380.50**

Date Completed: **08 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **47.2** to **48.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **44.2**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.4** Drawdown (m): **19.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	678.3	Clay Sandy
39.9	659.7	Clay
48.8	650.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 26-051-26 W4M**

Well Number **00923**

Well Owner: **Peters, Simon**

Elevation (AMSL) (m): **700**

AEP: **229717**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **84,207.58**

Date Started: **30 Sep 93**

Northing: **5,918,380.50**

Date Completed: **01 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.6** to **52.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **52.1**  
**Testing:**  
 Rate (lpm): **182.4** Time (minute): **180.0**  
 Level End (m): **29.0** Drawdown (m): **6.1**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	691.1	Sand Silty
31.1	668.6	Clay Brown
33.8	665.8	Shale Gray
34.4	665.2	Coal
35.7	664.0	Clay Brown
52.4	647.2	Sand
53.3	646.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-051-26 W4M**

Well Number **00924**

Well Owner: **Price, Dan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169100**  
 Easting: **84,207.58**  
 Northing: **5,918,380.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-051-26 W4M**

Well Number **00925**

Well Owner: **Thompson, Eric**

Elevation (AMSL) (m): **700**

AEP: **167682**

Drilling Contractor: **Schmidt Drilling Ltd.**

Licence No.:

Easting: **84,207.58**

Date Started: **11 May 92**

Northing: **5,918,380.50**

Date Completed: **12 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **47.6** to **48.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.6**  
 from (m): **48.8** to **51.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
26.8	672.8			Sand Very Fine Grained Brown
47.6	652.1			Till & Clay Gray
51.8	647.8			Sandstone Soft Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 27-051-26 W4M**

Well Number **00926**

Well Owner: **Carpenter, Brian**

Elevation (AMSL) (m): **699**

AEP: **206631**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **82,606.21**

Date Started: **29 May 79**

Northing: **5,919,167.00**

Date Completed: **29 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **48.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **87.2**  
 Perforated How: **Saw**  
 from (m): **46.6** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	688.0	Sand
28.0	670.6	Clay Blue
29.9	668.8	Sand & Coal
32.6	666.0	Clay Blue
36.6	662.1	Shale Gray
42.7	656.0	Clay Blue
46.9	651.7	Clay Yellow
49.4	649.3	Shale Gray
50.0	648.7	Shale Sandy Gray
60.0	638.6	Shale Brown
64.3	634.3	Shale Sandy Gray
68.0	630.7	Shale Gray
69.5	629.2	Shale Brown
70.1	628.5	Coal
73.5	625.2	Shale Gray
74.1	624.6	Shale Brown
76.2	622.4	Shale Brittle Green
78.0	620.6	Shale Brown
78.3	620.3	Coal
79.8	618.8	Shale Gray
81.1	617.6	Sandstone
83.8	614.8	Shale Sandy Gray
85.6	613.0	Shale Green
88.1	610.6	Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 27-051-26 W4M**

Well Number **00927**

Well Owner: **Jerke-Mceachern, Helen**

Elevation (AMSL) (m): **701**

AEP: **166265**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,726.16**

Date Started:

Northing: **5,918,353.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-26 W4M**

Well Number **00928**

Well Owner: **Lussier, Robin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167567**  
 Easting: **82,544.61**  
 Northing: **5,918,211.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 28-051-26 W4M**

Well Number **00929**

Well Owner: **Guenther, J.**

Elevation (AMSL) (m): **699**

AEP: **153959**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,780.52**

Date Started: **05 Nov 90**

Northing: **5,918,300.00**

Date Completed: **07 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **58.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **82.3**  
 Perforated How: **Machine**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **63.4**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **570.0**  
 Level End (m): **61.0** Drawdown (m): **39.6**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.8	689.6	Sand
23.2	676.1	Clay
35.7	663.6	Coal
41.2	658.2	Clay
42.7	656.6	Coal
45.1	654.2	Shale Gray
46.9	652.4	Sandstone
50.9	648.4	Shale Green
51.5	647.8	Shale Gray
53.0	646.3	Mudstone
54.9	644.4	Bentonite
61.3	638.0	Shale Gray
61.9	637.4	Sandstone
62.8	636.5	Coal
68.6	630.7	Shale Brown
68.9	630.4	Sandstone
69.8	629.5	Shale Gray
72.5	626.8	Sandstone
73.2	626.2	Coal
75.3	624.0	Shale Gray
75.9	623.4	Coal
77.4	621.9	Shale Gray
80.2	619.1	Sandstone
82.3	617.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 28-051-26 W4M**

Well Number **00930**

Well Owner: **Klaassen, L.**

Elevation (AMSL) (m): **699**

AEP: **153835**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **81,823.96**

Date Started: **17 Aug 90**

Northing: **5,918,071.63**

Date Completed: **21 Aug 90**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **109.7** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment: **Bentonite Product**

**Casing:**

Type: **Plastic**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **38.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.2	693.9	Sand
28.0	671.0	Clay & Rocks Silty
29.6	669.5	Shale
37.2	661.9	Clay
41.8	657.3	Shale & Siltstone
43.6	655.5	Sandstone
60.4	638.7	Shale & Siltstone
60.7	638.4	Coal
66.4	632.6	Shale & Siltstone
69.8	629.3	Sandstone
70.1	629.0	Coal
71.3	627.7	Siltstone
71.6	627.4	Coal
76.5	622.6	Shale
77.7	621.3	Sandstone
89.0	610.1	Shale & Siltstone
89.9	609.1	Sandstone
90.8	608.2	Shale
91.7	607.3	Sandstone
102.4	596.6	Shale
103.9	595.1	Sandstone
109.7	589.3	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



---29-051-26 W4M

Well Number 00931

Well Owner: **Egilson, Craig**

Elevation (AMSL) (m): **698**

AEP: **163537**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **79,770.08**

Date Started:

Northing: **5,917,991.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **11.6** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

---29-051-26 W4M

Well Number **00932**

Well Owner: **Lavoie, Maurice**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168088**  
 Easting: **79,704.29**  
 Northing: **5,918,607.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-051-26 W4M**

Well Number **00933**

Well Owner: **Brintnell, Bob**

Elevation (AMSL) (m): **701**

AEP: **243448**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **80,184.64**

Date Started: **27 Dec 94**

Northing: **5,918,859.50**

Date Completed: **28 Dec 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.0** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.0** Bottom (m): **21.0**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **7.0** to **7.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **456.1** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **15.9**  
 Rec'd intake (m): **18.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	697.5	Sand Silty
7.9	693.3	Sand Fine Grained
8.5	692.6	Clay Blue
10.4	690.8	Clay Silty
13.7	687.5	Clay Blue
14.3	686.9	Sand Silty
16.8	684.4	Clay Blue
17.4	683.8	Sand Silty
21.0	680.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-051-26 W4M**

Well Number **00934**

Well Owner: **Peters, Ed**

Elevation (AMSL) (m): **698**

AEP: **152675**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **79,368.88**

Date Started: **15 Aug 90**

Northing: **5,918,845.50**

Date Completed: **17 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **14.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Machine**  
 from (m): **30.5** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **36.9**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **29.3** Drawdown (m): **14.9**  
 Rec'd intake (m): **3.7** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	690.2	Sand Red
22.9	675.3	Sand Silty
29.6	668.6	Clay Stoney
30.5	667.7	Sand Stoney
31.7	666.5	Clay
32.0	666.2	Stones
33.2	664.9	Clay
33.8	664.3	Sand Stoney
42.7	655.5	Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-051-26 W4M**

Well Number **00935**

Well Owner: **Sherren, A.W.**

Elevation (AMSL) (m): **699**

AEP: **212940**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **79,705.70**

Date Started: **13 Sep 83**

Northing: **5,919,213.50**

Date Completed: **22 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **88.7**  
 Perforated How:  
 from (m): **60.4** to **88.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **3.4** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	697.5	Sand Fine Grained Brown
2.7	696.3	Clay & Sand Fine Grained Blue
6.4	692.6	Sand Fine Grained Gray
21.9	677.1	Clay Blue
22.6	676.5	Sand Coarse Grained Gray
36.9	662.1	Clay Blue
37.8	661.2	Sand Fine Grained Gray
43.6	655.4	Clay Blue
44.5	654.5	Sand Coarse Grained Gray
47.6	651.5	Clay Blue
52.4	646.6	Sand Coarse Grained Gray
57.3	641.7	Clay Blue
61.0	638.0	Shale
61.3	637.7	Coal
61.6	637.4	Shale
61.9	637.1	Coal
68.0	631.0	Shale
69.2	629.8	Sandstone
72.2	626.8	Shale
73.2	625.9	Sandstone
83.5	615.5	Shale
83.8	615.2	Coal
93.9	605.1	Shale
94.2	604.8	Coal
98.8	600.3	Sandstone
102.1	596.9	Shale
103.0	596.0	Sandstone
107.3	591.7	Shale
111.3	587.8	Sandstone
113.1	585.9	Shale
117.7	581.4	Coal
120.4	578.6	Shale
121.6	577.4	Sandstone
121.9	577.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 29-051-26 W4M**

Well Number **00936**

Well Owner: **Widrick, Kim**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167568**  
 Easting: **80,184.92**  
 Northing: **5,918,281.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **10.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 29-051-26 W4M**

Well Number **00937**

Well Owner: **Skjel, Wade E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161597**  
 Easting: **79,768.30**  
 Northing: **5,918,014.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **10.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 29-051-26 W4M**

Well Number **00938**

Well Owner: **Stadnyk, Nick**

Elevation (AMSL) (m): **702**

AEP: **243097**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **79,278.85**

Date Started: **21 Sep 94**

Northing: **5,918,416.50**

Date Completed: **21 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **23.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **24.7** to **26.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **26.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **17.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	700.9	Clay Sandy Yellow
4.9	696.9	Sand Yellow
8.8	693.0	Sand Gray
20.7	681.1	Clay Sandy Blue
23.5	678.3	Clay Sandy Blue
26.2	675.6	Sand
45.1	656.7	Clay Blue
57.6	644.2	Shale Gray
59.7	642.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 30-051-26 W4M**

Well Number **00939**

Well Owner: **Ali, Wahab**

Elevation (AMSL) (m): **701**

AEP: **186525**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **78,729.11**

Date Started: **06 Nov 92**

Northing: **5,919,231.50**

Date Completed: **06 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **46.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **13.4** Bottom (m): **98.8**  
 Perforated How: **Machine**  
 from (m): **48.8** to **98.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Goulds,5g05412**

Model: **Ser.#K26791** Intake (m): **82.3**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **82.3** Drawdown (m): **67.4**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	695.5			Sand Brown
20.1	680.5			Clay
22.3	678.4			Sand & Coal
26.5	674.1			Clay & Boulders Gray
31.7	668.9			Clay Sandy Gray
35.4	665.3			Clay
38.7	661.9			Clay Sandy Gray
41.5	659.2			Sand & Rocks
46.0	654.6			Clay Sandy
48.8	651.9			Shale Sandy Gray
50.0	650.7			Coal
52.7	647.9			Shale Gray
54.6	646.1			Shale Brown
64.0	636.6			Sand & Sandstone Fine Grained
82.3	618.4			Sand Gray
100.6	600.1			Siltstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-051-26 W4M**

Well Number **00940**

Well Owner: **Fabra-Wall Ltd**

Elevation (AMSL) (m): **702**

AEP: **182271**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **77,409.80**

Date Started: **06 Nov 92**

Northing: **5,919,268.50**

Date Completed: **07 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **5.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **4.3** to **4.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **9.4** to **10.1** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **20.1** Drawdown (m): **14.3**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	692.1	Sand Silty
18.3	684.2	Clay Silty
21.3	681.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-051-26 W4M**

Well Number **00941**

Well Owner: **Assaly, Diane**

Elevation (AMSL) (m): **700**

AEP: **162188**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,563.42**

Date Started: **09 Sep 91**

Northing: **5,918,036.21**

Date Completed: **09 Sep 91**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **09 Sep 91**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	689.7	Clay Yellow
27.1	673.3	Clay Blue
30.2	670.2	Sand & Gravel
31.4	669.0	Clay & Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 30-051-26 W4M**

Well Number **00942**

Well Owner: **Assaly, Dianne**

Elevation (AMSL) (m): **700**

AEP: **162187**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,563.42**

Date Started: **12 Sep 91**

Northing: **5,918,036.21**

Date Completed: **12 Sep 91**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **12 Sep 91**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	689.7	Clay Yellow
27.1	673.3	Clay Blue
30.2	670.2	Gravel
31.4	669.0	Clay Blue
35.0	665.3	Shale Green
38.4	662.0	Sandstone
47.2	653.2	Shale Gray
49.7	650.7	Shale Sandy Gray
50.6	649.8	Shale Gray
57.3	643.1	Shale Sandy Gray
58.2	642.2	Coal
61.6	638.8	Shale Gray
64.0	636.4	Shale Sandy Gray
68.6	631.8	Shale Gray
69.2	631.2	Sandstone
76.2	624.2	Shale Gray
87.2	613.2	Shale Sandy Gray
88.7	611.7	Shale Gray
90.8	609.6	Shale Sandy Gray
96.0	604.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 30-051-26 W4M**

Well Number **00943**

Well Owner: **Rockel, Harvey**

Elevation (AMSL) (m): **701**

AEP: **159130**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **78,476.47**

Date Started: **04 Oct 91**

Northing: **5,918,291.00**

Date Completed: **04 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.9** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **7.0**  
 from (m): **6.7** to **7.0** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **11.3**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): **11.9** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.0	697.1	Sand Yellow
7.0	694.1	Sand Water Bearing Black
11.9	689.2	Clay Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-051-26 W4M**

Well Number **00944**

Well Owner: **Dent, Gwen**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169512**  
 Easting: **78,530.79**  
 Northing: **5,920,890.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **10.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 31-051-26 W4M**

Well Number **00945**

Well Owner: **Eismann, Fred**

Elevation (AMSL) (m): **701**

AEP: **162186**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,530.79**

Date Started: **24 Jan 92**

Northing: **5,920,890.50**

Date Completed: **24 Jan 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **48.8** to **50.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	690.4	Sand
36.6	664.5	Clay Soft Blue
41.2	659.9	Clay Hard Blue
50.3	650.8	Sand
51.8	649.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-051-26 W4M**

Well Number **00946**

Well Owner: **Mclean, Scott**

Elevation (AMSL) (m): **702**

AEP: **151982**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **77,787.92**

Date Started: **07 Sep 89**

Northing: **5,919,799.50**

Date Completed: **08 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **609.6** Thickness (mm): **0.2**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **14.3** to **14.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **20.7**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **14.6**  
 Rec'd intake (m): **20.7** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	696.2	Sand Silty Brown
10.7	691.7	Sand Silty Gray
13.4	688.9	Clay Silty Blue
15.2	687.1	Sand Silty
21.9	680.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 31-051-26 W4M**

Well Number **00947**

Well Owner: **Sider, Brian/Ruth**

Elevation (AMSL) (m): **702**

AEP: **280682**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **77,409.84**

Date Started: **05 Sep 94**

Northing: **5,919,574.50**

Date Completed: **07 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.8** to **50.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **44.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	693.1			Sand Silty
24.4	677.9			Clay
33.5	668.7			Sand Silty
50.3	651.9			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**16-32-051-26 W4M**

Well Number **00948**

Well Owner: **Futorawski, Sotie**

Elevation (AMSL) (m): **699**

AEP: **188695**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **79,947.52**

Date Started: **26 Oct 92**

Northing: **5,920,675.00**

Date Completed: **28 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Other**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **6.7** to **7.0** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **182.4** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **7.9**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	695.7			Sand Brown
4.0	695.0			Clay Brown
7.0	692.0			Till & Clay Water Bearing
7.6	691.4			Till & Clay
11.6	687.4			Clay Black
12.8	686.2			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 32-051-26 W4M**

Well Number **00949**

Well Owner: **Hamm, Bert**

Elevation (AMSL) (m): **705**

AEP: **151108**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,324.45**

Date Started: **08 May 90**

Northing: **5,919,837.50**

Date Completed: **09 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **45.4** to **46.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	695.8	Sand
33.5	671.4	Clay Blue
34.8	670.2	Coal Clayey
37.2	667.7	Clay Blue
43.3	661.6	Coal Sandy Blue
46.0	658.9	Clay Blue
47.2	657.7	Coal
48.2	656.8	Clay Blue
51.8	653.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 32-051-26 W4M**

Well Number **00950**

Well Owner: **Reid, W.J.**

Elevation (AMSL) (m): **701**

AEP: **156977**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **79,194.68**

Date Started: **09 May 91**

Northing: **5,920,163.50**

Date Completed: **10 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **37.5** to **38.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.9** to **41.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **180.0**  
 Level End (m): **38.1** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.9	699.7	Topsoil
6.7	693.9	Sand Fine Grained Brown
9.8	690.8	Clay Soft Brown
24.1	676.5	Clay Soft Blue
26.5	674.1	Sand & Coal Medium Grained Gra
28.7	671.9	Clay Blue
32.6	668.0	Sand & Coal Medium Grained Gra
33.8	666.8	Clay Blue
42.4	658.2	Sand & Coal Medium Grained Gra
44.2	656.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-051-26 W4M**

Well Number **00951**

Well Owner: **Binder, Mel**

Elevation (AMSL) (m): **701**

AEP: **245043**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **81,966.63**

Date Started: **06 Jun 94**

Northing: **5,920,561.50**

Date Completed: **08 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **55.5** to **57.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **14.6**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	689.8	Sand Yellow
25.9	675.5	Clay Soft Blue
37.5	663.9	Claystone Blue
40.5	660.9	Gravel
41.5	660.0	Shale Brown
43.9	657.5	Shale Gray
57.9	643.5	Sand
59.4	642.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-051-26 W4M**

Well Number **00952**

Well Owner: **Vani, Lawrence**

Elevation (AMSL) (m): **701**

AEP: **195406**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **81,816.29**

Date Started: **09 Jun 92**

Northing: **5,920,914.00**

Date Completed: **10 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **48.8** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Duro 5355t** Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **480.0**  
 Level End (m): **48.8** Drawdown (m): **41.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	687.7	Silt
39.6	661.8	Clay Blue
42.4	659.1	Shale Soft
43.0	658.5	Shale Green
48.2	653.3	Shale Brown
48.5	653.0	Coal
57.3	644.2	Shale Brown
62.8	638.7	Sandstone
64.0	637.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00953**

Well Owner: **Fitz, Udo**

Elevation (AMSL) (m): **701**

AEP: **161953**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,155.62**

Date Started: **28 Oct 91**

Northing: **5,920,518.50**

Date Completed: **06 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **106.7**  
 Perforated How: **Saw**  
 from (m): **82.3** to **106.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jacuzzi**  
 Model: Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **82.3** Drawdown (m): **61.9**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	697.8	Sand Brown
6.7	694.7	Clay Sandy Brown
18.9	682.5	Clay Gray
19.5	681.9	Gravel
30.8	670.7	Till & Clay Gray
32.0	669.4	Limestone
36.6	664.9	Till & Clay Dark Gray
37.8	663.7	Sandstone Gray
39.6	661.8	Shale Gray
54.9	646.6	Sand & Coal Coarse Grained
57.9	643.5	Shale Green
59.7	641.7	Sandstone Green
61.3	640.2	Shale & Coal Brown
67.1	634.4	Shale Gray
71.0	630.4	Shale Green
74.4	627.1	Sandstone Gray
75.9	625.6	Shale Brown
81.4	620.1	Sandstone Gray
83.8	617.6	Shale Brown
85.3	616.1	Sandstone Gray
90.5	610.9	Shale
96.0	605.4	Sandstone
100.6	600.9	Shale
106.7	594.8	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00954**

Well Owner: **Mcmanus, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161598**  
 Easting: **80,864.18**  
 Northing: **5,920,749.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **53.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 33-051-26 W4M**

Well Number **00955**

Well Owner: **Mulder, Bert**

Elevation (AMSL) (m): **703**

AEP: **242327**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,864.18**

Date Started: **01 Jul 94**

Northing: **5,920,749.50**

Date Completed: **03 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **18.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **36.6** to **37.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **51.8** to **53.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **23.2** Drawdown (m): **4.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	700.3	Sand
17.4	685.7	Clay
19.2	683.9	Gravel & Boulders
30.2	672.9	Clay
32.3	670.8	Sandstone Soft
37.8	665.3	Clay
42.4	660.7	Sand
44.8	658.3	Clay
46.3	656.7	Sand
49.4	653.7	Clay
53.6	649.4	Sand
55.2	647.9	Shale Shattered
56.4	646.7	Shale Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00956**

Well Owner: **Tassane, Dominic**

Elevation (AMSL) (m): **700**

AEP: **153891**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,606.59**

Date Started: **06 Dec 90**

Northing: **5,920,689.00**

Date Completed: **06 Dec 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **38.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.6** to **52.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **19.5** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	694.1	Sand Silty
17.7	682.2	Clay Silty
37.8	662.1	Clay & Rocks
38.4	661.5	Sand
39.6	660.2	Clay
52.7	647.1	Sand Cemented
54.9	645.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00957**

Well Owner: **Tassane, Dominic**

Elevation (AMSL) (m): **703**

AEP: **153889**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,982.18**

Date Started: **27 Nov 90**

Northing: **5,920,465.78**

Date Completed: **29 Nov 90**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	699.4	Sand Brown
21.0	682.0	Clay & Silt
21.9	681.1	Clay & Rocks
34.4	668.6	Clay & Rocks
41.8	661.3	Sandstone
46.3	656.7	Shale
49.1	653.9	Sandstone
67.1	636.0	Shale & Siltstone See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 33-051-26 W4M**

Well Number **00958**

Well Owner: **Tassone, Domenic**

Elevation (AMSL) (m): **703**

AEP: **153890**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,864.18**

Date Started: **03 Dec 90**

Northing: **5,920,749.50**

Date Completed: **05 Dec 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.9** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **48.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.0** Bottom (m): **96.9**  
 Perforated How: **Machine**  
 from (m): **79.2** to **96.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **520.0**  
 Level End (m): **71.3** Drawdown (m): **52.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	699.4	Sand Silty
32.9	670.1	Clay & Rocks Silty
35.0	668.0	Shale Soft
47.9	655.2	Shale & Siltstone See Comments
49.7	653.4	Sandstone
50.6	652.5	Shale
51.5	651.6	Sandstone
54.3	648.8	Shale
57.9	645.2	Sandstone
63.1	640.0	Shale
64.0	639.1	Sandstone
73.8	629.3	Shale
74.4	628.7	Shale & Coal
76.2	626.9	Shale
78.6	624.4	Sandstone
84.1	618.9	Shale
87.8	615.3	Sandstone
89.6	613.5	Shale
93.9	609.2	Sandstone
96.9	606.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00959**

Well Owner: **Tassone, Dominic**

Elevation (AMSL) (m): **703**

AEP: **153888**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,982.18**

Date Started: **21 Nov 90**

Northing: **5,920,465.78**

Date Completed: **21 Nov 90**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.6** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	700.3	Sand
20.7	682.3	Clay Silty
21.9	681.1	Clay & Rocks
28.7	674.4	Clay
31.4	671.6	Sand Silty
33.8	669.2	Clay
34.1	668.9	Sandstone
36.6	666.4	Shale
39.9	663.1	Sand Cemented
44.5	658.5	Shale
51.5	651.5	Sandstone See Comments
54.9	648.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00960**

Well Owner: **Toop, Lou**

Elevation (AMSL) (m): **703**

AEP: **159109**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **80,864.18**

Date Started: **23 Sep 91**

Northing: **5,920,749.50**

Date Completed: **24 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **54.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.9** to **52.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	702.5	Topsoil
5.8	697.3	Till Yellow
17.4	685.7	Clay Soft Blue
18.6	684.5	Sand & Coal Fine Grained Brown
24.1	679.0	Clay Blue
29.9	673.2	Sand & Coal Fine Grained Gray
32.0	671.1	Clay Blue
33.2	669.8	Sand Fine Grained Gray
37.2	665.9	Clay Blue
52.7	650.3	Sand & Coal Gray
53.6	649.4	Sandstone Fine Grained
54.9	648.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-26 W4M**

Well Number **00961**

Well Owner: **Wenckowski, G.**

Elevation (AMSL) (m): **701**

AEP: **158804**

Licence No.:

Easting: **80,817.02**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **14 Aug 91**

Northing: **5,920,879.00**

Date Completed: **20 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.2** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **45.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **94.2**  
 Perforated How: **Saw**  
 from (m): **80.8** to **92.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g07422** Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **61.3**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	700.7	Topsoil
2.4	698.9	Clay Brown
5.5	695.9	Clay Gray
17.4	684.0	Silt Gray
27.4	673.9	Till Clayey Gray
30.8	670.6	Shale Light Gray
32.6	668.7	Shale Medium Grained Gray
39.0	662.3	Sandstone Gray
39.6	661.7	Shale Brown
43.0	658.4	Shale Light Gray
44.2	657.2	Sandstone Gray
45.7	655.6	Shale Gray
47.2	654.1	Sandstone Gray
50.3	651.1	Shale Gray
52.4	648.9	Sandstone Gray
54.3	647.1	Shale Gray
56.1	645.3	Sandstone
66.1	635.2	Shale Gray
76.2	625.2	Siltstone
80.8	620.6	Shale Gray
85.6	615.7	Sandstone Gray
88.7	612.7	Shale Gray
92.7	608.7	Sandstone Gray
94.2	607.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-051-26 W4M**

Well Number **00962**

Well Owner: **Hill, Bob/Pat (Hilltop Far)**

Elevation (AMSL) (m): **697**

AEP: **238848**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **81,830.75**

Date Started: **22 Jul 93**

Northing: **5,919,968.50**

Date Completed: **23 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **56.4** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **47.2** to **50.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.3** to **54.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **25.9**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	691.6	Sand
27.4	669.7	Clay Blue
27.7	669.4	Coal
29.3	667.8	Shale
29.6	667.5	Coal
32.9	664.2	Shale
33.5	663.6	Coal
36.0	661.1	Shale
42.7	654.4	Clay Blue
53.3	643.8	Sand Coarse Grained Gray
54.9	642.2	Gravel
56.4	640.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 33-051-26 W4M**

Well Number **00963**

Well Owner: **Holmes, Edward**

Elevation (AMSL) (m): **699**

AEP: **242395**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **80,990.13**

Date Started: **11 Jan 77**

Northing: **5,919,672.50**

Date Completed: **17 Jan 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.4** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): to Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **43.3**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **1.5**  
 Rec'd intake (m): **43.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	693.5	Sand Brown
21.3	677.7	Clay Blue
22.9	676.2	Stones
39.6	659.4	Clay & Boulders
43.0	656.1	Sand Fine Grained
46.0	653.0	Sand Coarse Grained
46.3	652.7	Gravel
49.4	649.6	Sandstone
52.4	646.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-051-26 W4M**

Well Number **00964**

Well Owner: **Mills, John & Audrey**

Elevation (AMSL) (m): **699**

AEP: **218429**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **80,990.13**

Date Started: **05 Jun 93**

Northing: **5,919,672.50**

Date Completed: **06 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **44.8** to **46.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **46.3**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **540.0**  
 Level End (m): **44.5** Drawdown (m): **29.3**  
 Rec'd intake (m): **44.5** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	698.7	Topsoil Black
5.2	693.8	Till Brownish Yellow
17.1	682.0	Till Blue
18.6	680.4	Till & Rocks Blue
21.9	677.1	Sand & Coal Fine Grained
37.5	661.5	Clay Blue
46.3	652.7	Sand & Coal Medium Grained Gra
46.9	652.1	Clay Blue
48.2	650.9	Shale Brownish Gray
48.8	650.3	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-051-26 W4M**

Well Number **00965**

Well Owner: **Tomas, Andy**

Elevation (AMSL) (m): **699**

AEP: **160148**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **80,990.13**

Date Started: **11 Oct 91**

Northing: **5,919,672.50**

Date Completed: **11 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **50.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **49.4** to **50.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.1	682.0			Sand
29.3	669.8			Clay Blue
46.9	652.1			Clay & Rocks Sandy Blue
51.2	647.8			Sand Coarse Grained Gray
51.8	647.2			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 33-051-26 W4M**

Well Number **00966**

Well Owner: **Toms, Andy**

Elevation (AMSL) (m): **699**

AEP: **265001**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **80,990.13**

Date Started: **18 Sep 95**

Northing: **5,919,672.50**

Date Completed: **18 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **44.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.5** to **50.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **50.0**

**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **34.4** Drawdown (m): **11.0**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	690.2	Sand Silty Yellow
22.9	676.2	Clay Sandy Brown
24.4	674.6	Coal
40.5	658.5	Clay Blue
43.0	656.1	Sand Yellow
44.5	654.5	Clay Blue
46.9	652.1	Sand
50.0	649.0	Sand & Coal
51.8	647.2	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-051-26 W4M**

Well Number **00967**

Well Owner: **Ainslie, Bob**

Elevation (AMSL) (m): **702**

AEP: **151109**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **83,294.23**

Date Started: **30 Apr 90**

Northing: **5,920,419.00**

Date Completed: **01 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	688.6			Sand Silty
32.3	670.0			Clay Blue
34.1	668.2			Sand
39.6	662.7			Clay Blue
41.8	660.6			Shale Green
51.8	650.5			Sand & Gravel
53.3	649.0			Shale Sandy Gray
63.4	638.9			Sand & Gravel
64.0	638.3			Clay Blue
68.6	633.8			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 34-051-26 W4M**

Well Number **00968**

Well Owner: **Buck, Stan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **699**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **193959**  
 Easting: **83,287.47**  
 Northing: **5,920,720.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **7.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 34-051-26 W4M**

Well Number **00969**

Well Owner: **Dowsett, John**

Elevation (AMSL) (m): **694**

AEP: **154832**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **83,577.17**

Date Started: **20 Feb 91**

Northing: **5,920,842.00**

Date Completed: **20 Feb 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **51.8** to **53.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	688.1	Till Brown
21.6	671.9	Clay Soft Blue
22.6	671.0	Sand & Rocks Fine Grained Brow
36.9	656.7	Clay Blue
40.5	653.0	Sandstone Medium Grained
46.9	646.6	Sand Fine Grained Brownish Gra
57.0	636.6	Sand & Coal Gray
59.4	634.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-051-26 W4M**

Well Number **00970**

Well Owner: **Ginis, G.**

Elevation (AMSL) (m): **693**

AEP: **152767**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,325.80**

Date Started: **23 Aug 90**

Northing: **5,920,847.50**

Date Completed: **28 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **57.9** to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **85.3** to **96.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **84.7**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **57.9**  
 Rec'd intake (m): **84.7** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
12.2	680.9	Sand
24.4	668.7	Clay
24.7	668.4	Coal
27.4	665.6	Coal Sandy
27.7	665.3	Coal
30.5	662.6	Till
36.6	656.5	Shale Sandy Gray
42.4	650.7	Till
43.0	650.1	Coal
56.4	636.7	Till Stoney
57.9	635.1	Shale Gray
61.0	632.1	Shale Green
65.8	627.2	Shale Gray
66.1	626.9	Coal
67.1	626.0	Shale Light Gray
68.3	624.8	Sandstone
70.1	623.0	Shale Gray
73.2	619.9	Shale Light Gray
79.2	613.8	Shale & Sandstone Gray
80.8	612.3	Shale
81.7	611.4	Sandstone Medium Grained Gray
82.0	611.1	Sandstone
87.5	605.6	Shale
96.0	597.0	Sandstone
97.5	595.5	Shale Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 34-051-26 W4M**

Well Number **00971**

Well Owner: **Jethon, Gina**  
 Drilling Contractor: *D&D Water Well Drilling & Services*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed: **12 Mar 96**  
 AEP: **282289**  
 Easting: **83,424.98**  
 Northing: **5,920,509.51**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 12 Mar 96**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 34-051-26 W4M**

Well Number **00972**

Well Owner: **Jethon, Gina**

Elevation (AMSL) (m): **693**

AEP: **281103**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **83,464.45**

Date Started: **12 Mar 96**

Northing: **5,920,845.50**

Date Completed: **12 Mar 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **41.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **55.2** to **56.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **56.7**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **3.7**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	687.9	Clay Sandy Yellow
23.2	670.3	Clay Sandy Blue
24.7	668.7	Sand & Coal
25.9	667.5	Clay Blue
32.3	661.1	Sandstone & Coal
33.2	660.2	Shale Gray
34.4	659.0	Sand
42.1	651.4	Clay Blue
57.0	636.4	Sand
58.5	634.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-051-26 W4M**

Well Number **00973**

Well Owner: **Kozak, Cynthia**

Elevation (AMSL) (m): **702**

AEP: **153363**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **83,291.98**

Date Started: **15 Oct 90**

Northing: **5,920,411.50**

Date Completed: **16 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.0** Bottom (m): **53.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Other**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **53.0** to **54.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	694.8			Sand Fine Grained Brown
9.8	692.7			Sand Gray
24.4	678.0			Clay Silty Blue
26.2	676.2			Sand & Coal Gray
43.0	659.4			Clay Soft Blue
55.8	646.6			Sand & Coal Gray
56.1	646.3			Clay Blue
57.9	644.5			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-051-26 W4M**

Well Number **00974**

Well Owner: **Zyp, H.**

Elevation (AMSL) (m): **699**

AEP: **157689**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **83,287.47**

Date Started:

Northing: **5,920,720.00**

Date Completed: **01 Jun 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **49.4** to **50.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Starite** Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): **36.6** Drawdown (m): **14.0**  
 Rec'd intake (m): **48.2** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	689.8	Clay Brown
27.4	671.5	Clay Sandy Blue
44.5	654.4	Clay & Gravel
54.9	644.1	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-051-26 W4M**

Well Number **00975**

Well Owner: **Artum, Bill**

Elevation (AMSL) (m): **701**

AEP: **151203**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,095.72**

Date Started: **21 Feb 90**

Northing: **5,920,099.50**

Date Completed: **24 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **58.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **33.5**  
 Rec'd intake (m): **58.8** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	691.5	Sand Brown
25.9	674.7	Clay Gray
42.7	658.0	Coal Sandy
45.7	654.9	Shale
59.4	641.2	Coal Clayey
61.0	639.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-051-26 W4M**

Well Number **00976**

Well Owner: **Artum, Bill**

Elevation (AMSL) (m): **702**

AEP: **241862**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,598.46**

Date Started: **11 Aug 94**

Northing: **5,920,074.50**

Date Completed: **16 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.8** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **54.9**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **27.4**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.4	695.7	Sand Brown
14.9	687.2	Sand Fine Grained Gray
52.1	650.0	Clay Gray
62.8	639.3	Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-051-26 W4M**

Well Number **00977**

Well Owner: **Lawrence, Samuel**

Elevation (AMSL) (m): **701**

AEP: **169926**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **83,654.83**

Date Started: **16 Nov 92**

Northing: **5,919,799.50**

Date Completed: **17 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **64.0** to **65.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	693.6			Clay Sandy Yellow
12.2	689.0			Sand Silty
30.5	670.7			Clay Soft Blue
36.6	664.6			Clay & Rocks Blue
39.0	662.2			Shale Sandy Gray
40.2	661.0			Shale Brown
41.5	659.8			Shale & Coal Brown
43.0	658.2			Shale Gray
64.3	636.9			Sand
65.5	635.7			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 34-051-26 W4M**

Well Number **00978**

Well Owner: **Murdoch, Bill**

Elevation (AMSL) (m): **700**

AEP: **158254**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **83,152.08**

Date Started: **05 Jun 75**

Northing: **5,919,663.00**

Date Completed: **09 Jun 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): **55.8** to **57.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **53.3**

**Testing:**  
 Rate (lpm): **9.1** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	692.2	Sand
23.2	676.7	Clay Silty
39.6	660.2	Gravel See Comments
57.9	641.9	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 34-051-26 W4M**

Well Number **00979**

Well Owner: **Sanche, Dennis**

Elevation (AMSL) (m): **702**

AEP: **238746**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **83,716.82**

Date Started: **22 Mar 94**

Northing: **5,920,037.50**

Date Completed: **23 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **39.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **62.8**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **26.5** Drawdown (m): **2.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	695.1	Clay Sandy Yellow
24.7	677.1	Clay Blue
25.3	676.5	Sand & Coal
35.7	666.2	Clay Blue
36.3	665.6	Coal
43.0	658.9	Clay Blue
57.6	644.2	Sand Fine Grained
63.7	638.1	Sand & Coal
65.5	636.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-051-26 W4M**

Well Number **00980**

Well Owner: **Smith, Jim**

Elevation (AMSL) (m): **702**

AEP: **151202**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,100.23**

Date Started: **24 Feb 90**

Northing: **5,920,043.00**

Date Completed: **27 Feb 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **26.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **139.7** Thickness (mm): **0.2**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **57.9** to **59.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **29.0**  
 Rec'd intake (m): **58.5** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	692.8			Sand Brown
27.4	674.5			Clay Gray
44.2	657.8			Coal Sandy
45.7	656.3			Shale
59.4	642.5			Sand Clayey
61.0	641.0			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 34-051-26 W4M**

Well Number **00981**

Well Owner: **Vanderzyl, Tony**

Elevation (AMSL) (m): **703**

AEP: **165814**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **83,434.99**

Date Started: **27 Apr 92**

Northing: **5,919,709.01**

Date Completed: **28 Apr 92**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment: **Bentonite Product 28 Apr 92**

**Casing:**

Type: **Plastic**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **54.9** to **57.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **58.8** to **60.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **54.9** Drawdown (m): **29.9**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	702.6			Topsoil
6.1	696.8			Sand Clayey Brown
24.4	678.5			Clay & Coal Gray
26.5	676.4			Sand Coarse Grained
32.3	670.6			Till & Clay Gray
35.0	667.9			Till & Clay Sandy Gray
35.4	667.6			Gravel
36.0	667.0			Shale Gray
42.1	660.9			Clay & Shale Gray
48.2	654.8			Clay & Sand Fine Grained Gray
54.3	648.7			Clay & Coal Sandy Gray
60.4	642.6			Sand & Coal Fine Grained
61.3	641.7			Shale & Coal
64.0	638.9			Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 34-051-26 W4M**

Well Number **00982**

Well Owner: **Vani, Roger**

Elevation (AMSL) (m): **700**

AEP: **151983**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **83,389.92**

Date Started: **10 May 89**

Northing: **5,919,960.50**

Date Completed: **14 May 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **127.0** Thickness (mm): **0.2**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **51.8** to **53.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): **48.8** Drawdown (m): **18.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	693.6	Clay Sandy Brown
13.1	687.2	Sand Brown
43.9	656.4	Clay Sandy Gray
53.3	647.0	Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 34-051-26 W4M**

Well Number **00983**

Well Owner: **Woloshyn, Bill**

Elevation (AMSL) (m): **698**

AEP: **281101**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,466.02**

Date Started: **05 Apr 96**

Northing: **5,919,898.00**

Date Completed: **06 Apr 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **53.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **56.4**

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **19.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	683.6			Sand Silty
36.9	661.0			Clay Sandy Blue
53.3	644.5			Shale Gray
57.3	640.6			Sand
58.5	639.4			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 34-051-26 W4M**

Well Number **00984**

Well Owner: **Woloshyn, Peter**

Elevation (AMSL) (m): **698**

AEP: **281102**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,466.02**

Date Started: **04 Apr 96**

Northing: **5,919,898.00**

Date Completed: **05 Apr 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.3** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.0** to **62.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **62.5**  
**Testing:**  
 Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **21.6**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.9	682.0	Sand Silty Yellow
34.8	663.1	Clay Sandy Blue
48.8	649.1	Shale Gray
57.6	640.3	Sand Silty
63.7	634.2	Sand Coarse Grained
64.3	633.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 34-051-26 W4M**

Well Number **00985**

Well Owner: **Woloshyn, Peter/Bill (Farm)**

Elevation (AMSL) (m): **698**

AEP: **281100**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,466.02**

Date Started: **09 Apr 96**

Northing: **5,919,898.00**

Date Completed: **09 Apr 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **41.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **54.3** to **55.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **55.8**

**Testing:**

Rate (lpm): **123.1** Time (minute): **120.0**  
 Level End (m): **41.2** Drawdown (m): **20.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.2	692.7		Sand Silty
	21.0	676.8		Clay Sandy Blue
	26.2	671.7		Sand & Coal
	29.9	668.0		Shale Gray
	31.1	666.8		Shale & Coal Brown
	41.5	656.4		Shale Gray
	56.1	641.8		Sand
	58.5	639.4		Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-051-26 W4M**

Well Number **00986**

Well Owner: **Haarwest Farms**

Elevation (AMSL) (m): **693**

AEP: **150184**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **85,115.86**

Date Started: **01 Mar 90**

Northing: **5,921,079.50**

Date Completed: **02 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **56.7** to **58.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **25.9**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **20.4** Drawdown (m): **2.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.9	674.1	Clay
31.7	661.3	Clay Stony
32.9	660.1	Clay Sandy
58.5	634.5	Sand
59.7	633.3	Clay Stony

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 35-051-26 W4M**

Well Number **00987**

Well Owner: **Pahal, Dorthy**

Elevation (AMSL) (m): **696**

AEP: **151984**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **84,283.31**

Date Started: **29 Nov 89**

Northing: **5,921,051.50**

Date Completed: **29 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **31.7** to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **57.0** to **58.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **22.3** Drawdown (m): **2.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.5	676.1	Clay
20.1	675.5	Gravel Clayey
31.7	664.0	Clay Stony
59.1	636.5	Sand
59.7	635.9	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-26 W4M**

Well Number **00988**

Well Owner: **Devos, Reyn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **696**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160783**  
 Easting: **85,015.48**  
 Northing: **5,919,970.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-26 W4M**

Well Number **00989**

Well Owner: **Francis, Brian**

Elevation (AMSL) (m): **696**

AEP: **158931**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **85,015.48**

Date Started: **02 Aug 91**

Northing: **5,919,970.50**

Date Completed: **03 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **39.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **40.5** to **42.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **37.2**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **42.1** Drawdown (m): **42.1**  
 Rec'd intake (m): **37.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	674.7	Clay Blue
22.9	673.1	Gravel
36.6	659.4	Clay Blue
39.6	656.4	Sand Fine Grained
40.5	655.5	Gravel
41.8	654.2	Sand Fine Grained
42.4	653.6	Sandstone Gray
43.0	653.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-26 W4M**

Well Number **00990**

Well Owner: **Goodwin, Murray**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **696**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156627**  
 Easting: **85,068.05**  
 Northing: **5,920,067.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **44.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-051-26 W4M**

Well Number **00991**

Well Owner: **Labranche, Daren**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **696**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167569**  
 Easting: **85,015.48**  
 Northing: **5,919,970.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-051-26 W4M**

Well Number **00992**

Well Owner: **Schnell, Grace**

Elevation (AMSL) (m): **695**

AEP: **166527**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,693.31**

Date Started: **15 May 92**

Northing: **5,919,873.00**

Date Completed: **19 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **3.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.4** to **54.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **22.9** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	688.9	Clay Yellow
36.3	658.7	Clay Silty Blue
54.6	640.4	Sand See Comments
56.4	638.6	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-36-051-26 W4M

Well Number 00993

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **695**

AEP: **280464**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,674.75**

Date Started:

Northing: **5,919,549.65**

Date Completed: **23 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **218.2** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-36-051-26 W4M

Well Number 00994

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **695**

AEP: **280393**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,674.75**

Date Started:

Northing: **5,919,549.65**

Date Completed: **23 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **218.2** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



---01-051-27 W4M

Well Number 00995

Well Owner: **Wallace, Ralph**

Elevation (AMSL) (m): **705**

AEP: **284111**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **76,534.76**

Date Started:

Northing: **5,912,129.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **73.2** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                  Drawdown (m):  
Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 01-051-27 W4M**

Well Number **00996**

Well Owner: **Bakke, Hes**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284108**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **34.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **00997**

Well Owner: **Brownly**  
 Drilling Contractor: *Kielbauch Drlg*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed: **27 Apr 71**  
 AEP: **284045**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **76.2**  
 Perforated How:  
 from (m): **51.8** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **720.0**  
 Level End (m): **35.0** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	696.9	Sand
12.2	690.8	Clay
18.3	684.7	Clay
24.4	678.6	Bedrock
30.5	672.5	Clay & Shale
36.6	666.5	Clay & Sand
42.7	660.4	Coal
48.8	654.3	Clay & Sandstone
54.9	648.2	Sand
61.0	642.1	Coal
67.1	636.0	Shale
76.2	626.8	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **00998**

Well Owner: **Butkovic, Joe**  
 Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Elevation (AMSL) (m): **700**      AEP: **284091**  
 Licence No.:      Easting: **77,210.70**  
 Date Started: **21 May 82**      Northing: **5,912,927.00**  
 Date Completed: **22 May 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.8** (m)  
 NPWL (m): **11.0**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.3**      Bottom (m): **32.3**  
 OD (mm): **114.3**      Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m):      to **22.9**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.3**      to **33.8**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **36.5**      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m): **25.9**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	691.4	Sand
23.2	676.5	Clay & Silt
33.8	665.8	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **00999**

Well Owner: **Carter, W**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284096**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01000**

Well Owner: **Cherlyn Holdings Ltd.**

Elevation (AMSL) (m): **703**

AEP: **284048**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **09 May 79**

Northing: **5,912,591.50**

Date Completed: **09 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **35.7** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **27.7** to **33.5** Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	697.5	Sand Red
28.0	675.0	Clay & Rocks
33.2	669.8	Sand & Coal
35.7	667.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01001**

Well Owner: **Cherlyn Homes**

Elevation (AMSL) (m): **703**

AEP: **284086**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **16 Apr 80**

Northing: **5,912,591.50**

Date Completed: **17 Apr 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.6** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **22.6** Bottom (m): **22.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **22.6** to **25.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	697.5			Sand
18.6	684.4			Caprock
25.0	678.0			Sand
25.6	677.4			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01002**

Well Owner: **Cherlyn Homes**

Elevation (AMSL) (m): **704**

AEP: **284079**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,847.37**

Date Started: **30 Mar 81**

Northing: **5,912,336.50**

Date Completed: **31 Mar 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **26.5** to **29.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **50.2** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	696.1	Sand
17.7	686.3	Clay & Rocks
30.5	673.5	Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 01-051-27 W4M**

Well Number **01003**

Well Owner: **Cherlyn Homes**

Elevation (AMSL) (m): **703**

AEP: **284083**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **15 Aug 80**

Northing: **5,912,591.50**

Date Completed: **15 Aug 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.3** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.0** to **30.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	696.0	Sand
24.1	678.9	Clay & Boulders
32.3	670.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01004**

Well Owner: **Cherlyn Homes Ltd.**

Elevation (AMSL) (m): **703**

AEP: **284076**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,875.55**

Date Started: **20 Mar 81**

Northing: **5,912,483.50**

Date Completed: **23 Mar 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **31.4** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	694.8	Sand
19.2	683.8	Clay & Rocks
23.8	679.2	Sand & Shale Soft
39.3	663.7	Sandstone
47.2	655.7	Shale
48.2	654.8	Sandstone
48.8	654.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01005**

Well Owner: **Cheryl Homes Ltd.**

Elevation (AMSL) (m): **702**

AEP: **284063**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,013.37**

Date Started: **31 Oct 80**

Northing: **5,912,344.29**

Date Completed: **03 Nov 80**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **2.3** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.9	672.1	Clay & Sand Silty
34.1	667.9	Shale
36.9	665.1	Sandstone Fine Grained
40.2	661.8	Shale
42.1	659.9	Sandstone
47.9	654.1	Shale
50.0	652.0	Sandstone
53.3	648.7	Shale
56.1	645.9	Sandstone
60.4	641.6	Shale
62.8	639.2	Sandstone
63.7	638.3	Shale
64.3	637.7	Sandstone
69.5	632.5	Shale
71.6	630.4	Sandstone
75.3	626.7	Shale
77.7	624.3	Sandstone Fine Grained
79.2	622.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01006**

Well Owner: **Cheryln Homes**

Elevation (AMSL) (m): **700**

AEP: **284087**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,202.86**

Date Started: **15 Apr 80**

Northing: **5,912,862.50**

Date Completed: **16 Apr 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.7** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	690.7			Sand
27.4	672.4			Clay & Sand
31.1	668.7			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01007**

Well Owner: **Cheryln Homes Ltd**

Elevation (AMSL) (m): **703**

AEP: **284081**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,892.78**

Date Started: **19 Mar 81**

Northing: **5,912,606.00**

Date Completed: **20 Mar 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.4** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **52.4**  
 Perforated How: **Machine**  
 from (m): **33.5** to **52.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	694.4	Sand
19.2	683.4	Clay & Rocks
22.6	680.1	Shale Sandy
37.8	664.8	Shale
43.3	659.4	Sandstone
48.5	654.2	Shale
49.7	653.0	Sandstone
52.4	650.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01008**

Well Owner: **Duke, Lyle**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284109**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **34.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01009**

Well Owner: **Edwards, Charles**

Elevation (AMSL) (m): **703**

AEP: **284094**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **17 Sep 82**

Northing: **5,912,591.50**

Date Completed: **17 Sep 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **19.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.6** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.8	693.3	Sand Brown
20.1	682.9	Clay & Rocks
32.6	670.4	Sandstone
33.2	669.8	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01010**

Well Owner: **Edwards, Chuck**

Elevation (AMSL) (m): **702**

AEP: **260130**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **76,930.37**

Date Started: **23 May 95**

Northing: **5,912,353.50**

Date Completed: **23 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.1** (m)  
 NPWL (m): **11.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **27.4** to **29.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.5** to **32.0** Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **13.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	701.6	Topsoil
7.0	695.2	Sand & Coal Brown
11.0	691.2	Sand & Gravel Pea Brown
16.8	685.4	Till Blue
17.7	684.5	Coal
19.5	682.7	Clay Blue
32.6	669.6	Sand & Coal Gray
34.1	668.1	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-051-27 W4M**

Well Number **01011**

Well Owner: **Foisy, Eric**

Elevation (AMSL) (m): **703**

AEP: **185961**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **23 Sep 92**

Northing: **5,912,591.50**

Date Completed: **24 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **27.7** to **29.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **11.0** Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	698.8	Sand
4.6	698.5	Coal
5.2	697.8	Sand
7.6	695.4	Clay Silty
13.1	689.9	Clay & Rocks
16.1	686.9	Sand & Gravel
18.3	684.7	Clay
29.6	673.5	Sand See Comments
32.6	670.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01012**

Well Owner: **Gartner, Allan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284100**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01013**

Well Owner: **Hiller, Daniel**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284107**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01014**

Well Owner: **Holman, Tony**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284110**  
 Easting: **77,011.80**  
 Northing: **5,912,623.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01015**

Well Owner: **Homes, Cherlyn**

Elevation (AMSL) (m): **701**

AEP: **284058**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,054.09**

Date Started: **04 Nov 80**

Northing: **5,912,717.00**

Date Completed: **04 Nov 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **34.1** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **31.1** to **33.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **100.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	692.8			Sand
12.8	688.5			Clay Silty
29.9	671.4			Clay
33.2	668.1			Sand
34.1	667.2			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-051-27 W4M**

Well Number **01016**

Well Owner: **Homes, Cherlyn**

Elevation (AMSL) (m): **700**

AEP: **284052**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,035.29**

Date Started: **07 May 79**

Northing: **5,912,939.50**

Date Completed: **08 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
5.2	694.4		Sand
7.9	691.6		Clay
9.4	690.1		Sand
22.3	677.3		Clay
36.0	663.6		Sandstone
38.4	661.2		Shale
41.5	658.1		Sandstone
42.7	656.9		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01017**

Well Owner: **Homes, Cherlyn**

Elevation (AMSL) (m): **702**

AEP: **284061**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,013.37**

Date Started: **26 Sep 80**

Northing: **5,912,344.29**

Date Completed: **29 Sep 80**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Formation Packer**  
 from (m): to **30.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	693.5			Sand
29.9	672.1			Clay & Boulders
30.8	671.2			Shale Sandy
38.4	663.6			Shale
41.5	660.5			Sandstone
42.7	659.3			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01018**

Well Owner: **Homes, Cherlyn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284054**  
 Easting: **77,019.63**  
 Northing: **5,912,435.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 01-051-27 W4M**

Well Number **01019**

Well Owner: **Jokar Construction/Nobles, Tim**

Elevation (AMSL) (m): **702**

AEP: **168011**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **77,184.07**

Date Started: **28 Jun 92**

Northing: **5,912,316.00**

Date Completed: **29 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **50.3**  
 Perforated How: **Saw**  
 from (m): **42.7** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **30.5**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	683.7			Silt Brown
27.4	674.5			Sand
33.5	668.4			Shale Gray
38.1	663.9			Shale Green
42.7	659.3			Sandstone
47.2	654.7			Shale Gray
50.3	651.7			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01020**

Well Owner: **Kutyn, John**

Elevation (AMSL) (m): **700**

AEP: **284070**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,201.30**

Date Started: **13 Mar 81**

Northing: **5,912,928.50**

Date Completed: **16 Mar 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **34.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **46.0**  
 Perforated How: **Torch**  
 from (m): **34.1** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **22.9** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	697.9			Clay Yellow
7.6	692.2			Sand
15.5	684.2			Clay & Rocks Blue
19.5	680.3			Shale Sandy Gray
32.0	667.8			See Comments
34.8	665.0			Shale Green
36.6	663.2			Shale Sandy Gray
38.4	661.4			Shale Green
44.5	655.3			Sandstone
46.9	652.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01021**

Well Owner: **Kutzk, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284104**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **46.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01022**

Well Owner: **Ligckessel, Manfred**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284088**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01023**

Well Owner: **Mcperson, Cody**

Elevation (AMSL) (m): **703**

AEP: **284074**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **16 Apr 81**

Northing: **5,912,591.50**

Date Completed: **20 Apr 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **15.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.0** to **29.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
8.8	694.2	Sand
14.9	688.1	Clay & Rocks
29.3	673.8	Sand
30.5	672.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01024**

Well Owner: **Semeniuk**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284085**  
 Easting: **76,903.74**  
 Northing: **5,912,598.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-051-27 W4M**

Well Number **01025**

Well Owner: **Vani, Frank**

Elevation (AMSL) (m): **703**

AEP: **284098**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **76,980.48**

Date Started: **08 Mar 84**

Northing: **5,912,591.50**

Date Completed: **09 Mar 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **23.5**  
 Perforated How: **Torch**  
 from (m): **15.5** to **21.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **22.9**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.8	693.3		Sand
19.5	683.5		Clay
21.3	681.7		Sandstone
30.2	672.9		Shale
31.1	671.9		Sandstone
61.0	642.1		Shale
62.8	640.2		Sandstone
64.0	639.0		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01026**

Well Owner: **Wallace, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284101**  
 Easting: **76,980.48**  
 Northing: **5,912,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-051-27 W4M**

Well Number **01027**

Well Owner: **Weckesser, Manfred**

Elevation (AMSL) (m): **702**

AEP: **186314**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **76,648.48**

Date Started: **15 Apr 93**

Northing: **5,912,540.00**

Date Completed: **15 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **22.3** to **23.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **23.8**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **19.8** Drawdown (m): **9.1**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	701.4	Topsoil
5.5	696.5	Sand Brown
8.5	693.5	Till Brown
21.0	681.0	Clay Soft Blue
25.9	676.1	Sand & Coal Coarse Grained Gra
27.4	674.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-051-27 W4M**

Well Number **01028**

Well Owner: **Zaft, Hal**

Elevation (AMSL) (m): **704**

AEP: **284105**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **77,071.31**

Date Started: **03 Oct 83**

Northing: **5,912,466.50**

Date Completed: **05 Oct 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **36.6** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **16.8**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **8.5**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
7.9	696.5		Sand
16.1	688.2		Clay
30.8	673.6		Sand
36.3	668.1		Shale
42.1	662.3		Sandstone
43.9	660.5		Shale
45.1	659.3		Sandstone
48.8	655.6		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-051-27 W4M**

Well Number **01029**

Well Owner: **Boye, John**

Elevation (AMSL) (m): **696**

AEP: **284043**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,976.27**

Date Started:

Northing: **5,912,465.00**

Date Completed: **22 Dec 68**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **34.8** Bottom (m): **34.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **60.0**  
 Level End (m): **60.4** Drawdown (m): **36.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
7.0	689.4		Sand
28.7	667.7		Clay
29.3	667.1		Gravel
30.5	665.9		Coal
37.8	658.6		Shale Gray
39.6	656.8		Sand & Shale Gray
45.7	650.7		Shale Gray
48.8	647.6		Sand & Shale Gray
50.6	645.8		Shale Gray
57.9	638.5		Shale Green
58.5	637.9		Sandstone
62.5	633.9		Sand & Shale Gray
67.1	629.3		Shale Green
69.5	626.9		Shale Gray
73.2	623.2		Sand & Shale Gray
81.7	614.7		Shale Green
82.3	614.1		Shale Gray
84.7	611.7		Shale Brown
91.1	605.3		Sand & Shale Gray
96.0	600.4		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-051-27 W4M**

Well Number **01030**

Well Owner: **Mcmillin, Raymond**

Elevation (AMSL) (m): **701**

AEP: **151985**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,945.54**

Date Started: **01 Dec 89**

Northing: **5,911,784.50**

Date Completed: **02 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **28.7** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.7** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **39.6**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **470.0**  
 Level End (m): **14.9** Drawdown (m): **5.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	695.9	Sand
13.4	688.0	Clay Silty
24.7	676.7	Gravel Clayey
28.0	673.3	Sandstone Soft
29.6	671.8	Shale
33.8	667.6	Sandstone
35.7	665.7	Shale
38.1	663.3	Sandstone
39.6	661.8	Shale & Sandstone
41.2	660.2	Shale
42.4	659.0	Siltstone
43.0	658.4	Sandstone
46.3	655.1	Shale
48.5	652.9	Siltstone
48.8	652.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-02-051-27 W4M

Well Number 01031

Well Owner: **Kleinbert, Fred**

Elevation (AMSL) (m): **703**

AEP: **284118**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **74,168.44**

Date Started:

Northing: **5,911,922.50**

Date Completed: **28 Jun 58**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **69.5** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **88.9** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **5.7** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	696.8	Clay Sandy
21.3	681.5	Clay
22.6	680.3	Rocks
43.6	659.3	Hard Pan
44.2	658.7	Rocks
68.3	634.6	Hard Pan
68.9	634.0	Rocks
69.5	633.4	Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 02-051-27 W4M**

Well Number **01032**

Well Owner: **Gray, Tom**

Elevation (AMSL) (m): **701**

AEP: **284126**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,508.14**

Date Started: **10 Jun 88**

Northing: **5,912,403.00**

Date Completed: **13 Jun 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **35.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.1** Bottom (m): **56.7**  
 Perforated How: **Torch**  
 from (m): **35.0** to **56.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	696.7			Sand
6.1	694.5			Clay Yellow
7.6	693.0			Clay Blue
10.1	690.6			Sand
25.3	675.3			Clay & Coal Blue
27.4	673.2			Shale Gray
32.6	668.0			Sand
36.6	664.0			Shale Green
39.3	661.3			Sandstone
43.9	656.7			Shale Green
47.6	653.1			Shale Sandy Gray
48.8	651.8			Shale Green
56.1	644.5			Shale Sandy Gray
57.6	643.0			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 02-051-27 W4M**

Well Number **01033**

Well Owner: **Gray, Allan**

Elevation (AMSL) (m): **700**

AEP: **284123**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **74,488.88**

Date Started: **16 Mar 83**

Northing: **5,912,491.00**

Date Completed: **17 Mar 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **32.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **32.9** Bottom (m): **55.2**  
 Perforated How: **Torch**  
 from (m): **32.9** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	697.1	Sand Coarse Grained
3.4	696.5	Clay Sandy Yellow
19.5	680.4	Clay & Coal Blue
24.1	675.8	Sand Coarse Grained
24.7	675.2	Clay Blue
25.6	674.3	Sand & Coal
26.8	673.0	Shale Sandy Gray
31.7	668.2	Sand & Coal Coarse Grained
36.0	663.9	Shale Hard Green
39.3	660.5	Shale Sandy Gray
40.8	659.0	Shale Sandy White
46.9	652.9	Shale Green
48.5	651.4	Shale Sandy Gray
50.9	649.0	Shale Greenish Gray
52.4	647.4	Shale Sandy Gray
55.2	644.7	Sandstone
56.1	643.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-051-27 W4M**

Well Number **01034**

Well Owner: **Sparrow Dev Ltd**

Elevation (AMSL) (m): **703**

AEP: **284121**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **74,554.65**

Date Started: **17 Jun 81**

Northing: **5,912,273.15**

Date Completed: **19 Jun 81**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	699.2	Clay & Sand Silty
13.7	689.1	Clay Blue
16.5	686.4	Shale & Sandstone
27.4	675.4	Clay & Boulders Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NW 02-051-27 W4M**

Well Number **01035**

Well Owner: **Sparrow Dev Ltd.**

Elevation (AMSL) (m): **703**

AEP: **284120**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **74,554.65**

Date Started: **15 Jun 81**

Northing: **5,912,273.15**

Date Completed: **16 Jun 81**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **23.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **16 Jun 81**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	696.1			Clay & Sand Silty
15.2	687.6			Clay Blue
17.1	685.8			Sand & Shale Fine Grained
17.4	685.5			Sandstone Coarse Grained
18.9	683.9			Shale & Sandstone
20.7	682.1			Clay & Boulders Blue
23.8	679.1			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 02-051-27 W4M**

Well Number **01036**

Well Owner: **Wild, Allen**

Elevation (AMSL) (m): **700**

AEP: **284124**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **74,488.88**

Date Started: **11 Jul 88**

Northing: **5,912,491.00**

Date Completed: **15 Jul 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **125.7** Thickness (mm): **0.1**  
 Seal Type: **Bentonite & Cement**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.9** to **49.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **28.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	694.1	Clay Yellow
7.6	692.2	Sand
17.7	682.2	Clay Silty Blue
18.6	681.3	Sand
24.4	675.5	Clay Blue
49.4	650.5	Sand
54.9	645.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 02-051-27 W4M**

Well Number **01037**

Well Owner: **Kick, Urs**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284112**  
 Easting: **75,312.77**  
 Northing: **5,911,662.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 02-051-27 W4M**

Well Number **01038**

Well Owner: **Kick, Urs**

Elevation (AMSL) (m): **704**

AEP: **284113**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,314.34**

Date Started: **20 Jul 79**

Northing: **5,911,670.00**

Date Completed: **20 Jul 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **25.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **46.0**  
 Perforated How: **Torch**  
 from (m): **25.9** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.0**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **29.0** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	699.4	Clay Yellow
7.6	696.3	Sand
16.8	687.2	Clay Blue
18.6	685.4	Stones
23.5	680.5	Unknown Sandy Gray
24.7	679.3	Shale Gray
28.0	675.9	Shale Green
32.3	671.6	Shale Sandy Gray
33.8	670.1	Shale Green
37.2	666.8	Unknown Greenish Gray
46.0	657.9	Shale Sandy Gray
46.9	657.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 02-051-27 W4M**

Well Number **01039**

Well Owner: **Kleinbert, Fred**

Elevation (AMSL) (m): **703**

AEP: **284115**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **74,175.53**

Date Started:

Northing: **5,911,915.50**

Date Completed: **01 Jan 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **36.6** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute):  
 Level End (m): **15.2** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	698.5	Clay Sandy
6.7	696.0	Clay Yellow
16.1	686.6	Clay Blue
16.5	686.3	Coal
20.4	682.3	Clay Blue
22.6	680.2	Clay & Rocks
27.4	675.3	Clay Blue
31.1	671.6	Shale Green
31.4	671.3	Shale Brown
32.3	670.4	Sand & Shale Gray
32.9	669.8	Shale Brittle Green
35.4	667.4	Sand & Shale Gray
36.6	666.2	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 02-051-27 W4M**

Well Number **01040**

Well Owner: **Kleinbert, Fred**

Elevation (AMSL) (m): **703**

AEP: **284116**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **74,166.14**

Date Started: **08 May 81**

Northing: **5,911,909.50**

Date Completed: **08 May 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **32.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **39.9**  
 Perforated How: **Torch**  
 from (m): **32.6** to **39.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	693.6	Sand
18.3	684.5	Clay Blue
24.4	678.4	Clay Yellow
25.0	677.8	Shale Green
29.9	672.9	Sand & Coal
36.6	666.2	Shale Green
39.6	663.2	Shale Sandy Gray
40.8	661.9	Shale Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01041**

Well Owner: **Coombs, Graham**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284201**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<p><b>(No Lithologic Information Available)</b></p>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01042**

Well Owner: **Cunningham, Clifford**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **276287**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **09 Jan 84**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>1431</b>	SAR	Nickel
TDS <b>872.0</b>	TKN	Selenium
Sodium <b>350.06</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>10.02</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate <b>9.00</b>	DIC	Hydroxide
Bicarbonate <b>799.84</b>	Arsenic	Total Hardness <b>37.00</b>
Aluminum	Barium	Manganese
Sulphate <b>104.23</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>0.83</b>	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>671.0</b>
Silica <b>10.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 03-051-27 W4M**

Well Number **01043**

Well Owner: **Davies, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284199**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01044**

Well Owner: **Demaere, V**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284197**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01045**

Well Owner: **Dinwoodie, K.J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284195**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01046**

Well Owner: **Giese, Ed L.**  
 Drilling Contractor: *Schellenberger M*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed: **12 Jun 58**  
 AEP: **284181**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **36.6** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **240.0**  
 Level End (m): **36.6** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	691.9	Sand
13.7	687.3	Clay
15.2	685.8	Boulders
16.8	684.3	Clay
18.3	682.7	Sand
23.2	677.9	Clay
24.4	676.7	Sand
25.9	675.1	Boulders
28.7	672.4	Sand
30.5	670.6	Clay
36.6	664.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01047**

Well Owner: **Henkel, Ward**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186727**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01048**

Well Owner: **Henkle, Ward**

Elevation (AMSL) (m): **701**

AEP: **152851**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **73,605.46**

Date Started: **30 Aug 90**

Northing: **5,912,606.50**

Date Completed: **30 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **8.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.5** Bottom (m): **40.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **40.5** to **42.1** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **18.3**

**Testing:**

Rate (lpm): **456.1** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.4	697.7	Clay Sandy Brown
12.8	688.2	Clay Silty Gray
13.4	687.6	Gravel
25.9	675.1	Till Silty Gray
47.6	653.5	Sand & Clay Stringers
48.8	652.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01049**

Well Owner: **Housch, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284198**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01050**

Well Owner: **Kover, Ray**

Elevation (AMSL) (m): **701**

AEP: **284185**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **73,605.46**

Date Started: **20 Sep 83**

Northing: **5,912,606.50**

Date Completed: **21 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.3** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **41.2** to **42.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **18.9**  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **60.0**  
 Level End (m): **18.9** Drawdown (m): **10.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.9	679.1	Clay & Rocks Sandy
43.3	657.8	Shale & Coal Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 03-051-27 W4M**

Well Number **01051**

Well Owner: **Lax, Walter**

Elevation (AMSL) (m): **701**

AEP: **284186**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **73,605.46**

Date Started: **04 Jan 78**

Northing: **5,912,606.50**

Date Completed: **06 Jan 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **28.7** to **30.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **21.3** Drawdown (m): **12.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	693.1	Sand
14.3	686.7	Till
17.1	684.0	Till & Rocks
18.6	682.4	Shale Green
19.2	681.8	Sandstone
28.0	673.0	Coal Sandy
30.5	670.6	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01052**

Well Owner: **Pilkie, Bob**

Elevation (AMSL) (m): **703**

AEP: **284205**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **73,611.67**

Date Started: **13 Aug 88**

Northing: **5,912,476.00**

Date Completed: **15 Aug 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **48.2** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **51.5** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	699.0	Sand
16.5	686.8	Clay Gray
18.0	685.3	Sand & Coal
25.0	678.3	Clay Gray
47.6	655.7	Sand
48.5	654.8	Shale Green
51.8	651.5	Shale Gray
59.1	644.1	Sandstone
61.0	642.3	Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01053**

Well Owner: **Preece, Karl**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284202**  
 Easting: **73,605.46**  
 Northing: **5,912,606.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01054**

Well Owner: **Sandercock, D.R.**

Elevation (AMSL) (m): **702**

AEP: **284191**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **73,490.00**

Date Started: **28 Aug 78**

Northing: **5,912,691.00**

Date Completed: **28 Aug 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.1**                      Bottom (m): **34.1**  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m):                      to **18.3**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.1**                      to **36.6**                      Size: **0.02**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **91.2**                      Time (minute): **570.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m): **24.4**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	698.0	Sand
18.3	684.0	Clay
29.6	672.7	Clay & Silt
36.6	665.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-051-27 W4M**

Well Number **01055**

Well Owner: **Sandercock, D.R.**

Elevation (AMSL) (m): **702**

AEP: **284189**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **73,490.00**

Date Started: **28 Aug 78**

Northing: **5,912,609.00**

Date Completed: **29 Aug 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1**                      Bottom (m): **34.1**  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m):                      to **12.2**

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.1**                      to **36.6**                      Size: **0.02**  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m): **24.4**

**Testing:**

Rate (lpm): **114.0**                      Time (minute):  
 Level End (m):                      Drawdown (m): **18.3**  
 Rec'd intake (m): **24.4**                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	680.2			Clay
28.4	673.2			Silt Fine Grained
32.6	668.9			Clay
36.6	664.9			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01056**

Well Owner: **Sandercock, D.R.**

Elevation (AMSL) (m): **701**

AEP: **284193**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **73,692.38**

Date Started: **30 Aug 78**

Northing: **5,912,729.50**

Date Completed: **30 Aug 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.1** to **36.6** Size: **0.12**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **15.9**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	678.4	Clay
29.9	671.4	Shale
36.6	664.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 03-051-27 W4M**

Well Number **01057**

Well Owner: **Sandercock, Don**  
 Drilling Contractor: *Banks Well Service*

Elevation (AMSL) (m): **701**                      AEP: **284194**  
 Licence No.:    Easting: **73,605.46**  
 Date Started: **29 Aug 78**                      Northing: **5,912,606.50**  
 Date Completed: **29 Aug 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **6.7**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.1**                      Bottom (m): **34.1**  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m):                      to **12.2**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **34.1**                      to **36.6**                      Size: **0.02**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **114.0**                      Time (minute): **470.0**  
 Level End (m): **24.4**                      Drawdown (m): **17.7**  
 Rec'd intake (m): **24.4**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.1	698.0		Sand
24.4	676.7		Clay
28.0	673.0		Shale
36.6	664.5		Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 03-051-27 W4M**

Well Number **01058**

Well Owner: **Thomas, Donald**

Elevation (AMSL) (m): **701**

AEP: **284184**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **73,605.46**

Date Started:

Northing: **5,912,606.50**

Date Completed: **04 Apr 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **56.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **41.5** to **42.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Jet** Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **570.0**  
 Level End (m): **19.8** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	690.4			Clay Sandy
28.0	673.0			Clay Blue
47.2	653.8			Sand
50.9	650.1			Shale Sandy Gray
51.5	649.5			Shale Gray
56.7	644.3			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 03-051-27 W4M**

Well Number **01059**

Well Owner: **Dinwoodie, Ken**

Elevation (AMSL) (m): **699**

AEP: **284179**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **72,904.45**

Date Started: **27 Jun 89**

Northing: **5,912,153.00**

Date Completed: **27 Jun 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **64.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **48.8** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	693.2	Clay	Yellow	
13.7	685.3	Clay	Blue	
24.4	674.6	Clay & Rocks	Blue	
28.7	670.4	Sand		
46.3	652.7	Clay & Shale	Blue	
48.2	650.8	Clay	Yellow	
54.9	644.1	Shale	Sandy Gray	
57.0	642.0	Shale	Gray	
61.0	638.0	Shale	Sandy Gray	
64.0	635.0	Shale	Green	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-051-27 W4M**

Well Number **01060**

Well Owner: **Kohlruss, Sandra**

Elevation (AMSL) (m): **699**

AEP: **238849**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **72,904.45**

Date Started: **31 Aug 93**

Northing: **5,912,153.00**

Date Completed: **03 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.1** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **32.0** to **33.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **32.0**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **32.0** Drawdown (m): **25.6**  
 Rec'd intake (m): **31.1** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	697.2	Topsoil Black
6.1	692.9	Clay Brown
9.4	689.6	Till & Clay Gray
15.5	683.5	Till & Clay Gray
24.4	674.6	Sand & Gravel Clayey Gray
25.9	673.1	Clay Gray
33.8	665.2	Sandstone
34.1	664.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-051-27 W4M**

Well Number **01061**

Well Owner: **Mcknight, Rick**

Elevation (AMSL) (m): **699**

AEP: **284134**

Drilling Contractor: *Hostyn Drilling Co. Ltd.*

Licence No.:

Easting: **72,904.45**

Date Started: **06 Jun 74**

Northing: **5,912,153.00**

Date Completed: **06 Jun 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Jacuzzi** Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	677.7	Clay Sandy
40.5	658.5	Sand & Coal
42.7	656.3	Shale Blue
53.3	645.7	Sand White
54.9	644.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-051-27 W4M**

Well Number **01062**

Well Owner: **Bailey, Herb**

Elevation (AMSL) (m): **703**

AEP: **284131**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **72,937.90**

Date Started: **25 Nov 86**

Northing: **5,911,536.00**

Date Completed: **25 Nov 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
27.7	675.6		Sand
34.1	669.2		Shale
35.4	667.9		Sandstone Soft
35.7	667.6		Sandstone Hard
36.3	667.0		Sandstone
47.9	655.4		Shale
57.9	645.4		Sandstone
61.0	642.3		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-051-27 W4M**

Well Number **01063**

Well Owner: **Greenwood, Donna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **284133**  
 Easting: **72,937.90**  
 Northing: **5,911,536.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-051-27 W4M**

Well Number **01064**

Well Owner: **O'Flaherty, P**

Elevation (AMSL) (m): **703**

AEP: **284130**

Licence No.:

Easting: **72,937.90**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Date Started: **09 Apr 81**

Northing: **5,911,536.00**

Date Completed: **14 Apr 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **51.8**  
 Perforated How: **Torch**  
 from (m): **24.4** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	699.0	Clay Sandy
8.5	694.8	Clay
10.4	692.9	Sand & Coal
17.7	685.6	Silt Sandy
21.9	681.4	Till & Rocks
23.8	679.5	Shale Sandy Green
25.9	677.4	Shale Green
28.7	674.6	Shale Sandy Gray
37.5	665.8	Shale Green
38.4	664.9	Sandstone Soft Gray
49.4	653.9	Shale Greenish Gray
51.5	651.8	Sandstone Soft Gray
51.8	651.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-051-27 W4M**

Well Number **01065**

Well Owner: **O'Flaherty, Pat**

Elevation (AMSL) (m): **703**

AEP: **284128**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **72,937.90**

Date Started: **22 Mar 76**

Northing: **5,911,536.00**

Date Completed: **23 Mar 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **50.6**  
 Perforated How: **Torch**  
 from (m): **31.1** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **2.3** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	696.6	Clay Yellow
17.7	685.6	Clay Blue
18.9	684.4	Shale Green
20.7	682.6	Shale Sandy Gray
21.0	682.3	Shale Dark Gray
21.9	681.4	Shale Sandy Gray
25.6	677.7	Shale Green
25.9	677.4	Shale Sandy Gray
31.1	672.2	Shale Dark Gray
31.7	671.6	Shale Green
33.2	670.1	Shale Sandy Gray
34.4	668.9	Shale Green
34.8	668.5	Unknown Hard
36.3	667.0	Shale Green
42.7	660.6	Shale Dark Gray
46.3	657.0	Shale Green
48.8	654.5	Shale Green
51.5	651.8	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-051-27 W4M**

Well Number **01066**

Well Owner: **Page, Rod**

Elevation (AMSL) (m): **703**

AEP: **284129**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **72,937.90**

Date Started: **07 Nov 80**

Northing: **5,911,536.00**

Date Completed: **07 Nov 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **34.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **48.8**  
 Perforated How: **Torch**  
 from (m): **34.1** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **19.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	698.1	Clay Sandy
10.7	692.6	Clay Dark
11.6	691.7	Sand & Coal Coarse Grained
18.9	684.4	Clay & Gravel Dark
19.8	683.5	Sand Fine Grained
27.1	676.2	Clay & Rocks
29.0	674.3	Shale Green
31.4	671.9	Shale Brown
35.4	667.9	Shale Dark Gray
37.8	665.5	Shale Mixed
39.9	663.4	Sandstone Light Gray
41.8	661.5	Shale Mixed
44.2	659.1	Shale Green
48.8	654.5	Sandstone Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-04-051-27 W4M

Well Number 01067

Well Owner: **Alta Env #0871e**

Elevation (AMSL) (m): **704**

AEP: **240615**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **70,956.61**

Date Started:

Northing: **5,912,702.50**

Date Completed: **24 Sep 72**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	703.4	Loam Clayey
4.6	699.4	Clay Silty Light Green
8.8	695.2	Clay Greenish Gray
9.4	694.6	Boulders
10.7	693.3	Clay Gray
15.2	688.8	Shale & Siltstone
19.8	684.2	Siltstone & Sandstone
24.4	679.6	Clay Gray
29.0	675.1	Clay
42.7	661.3	Sand
44.2	659.8	Gravel
47.2	656.8	Siltstone & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 04-051-27 W4M**

Well Number **01068**

Well Owner: **Foisy, Dave/Connie**

Elevation (AMSL) (m): **701**

AEP: **242329**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **71,898.00**

Date Started: **15 Jul 94**

Northing: **5,912,214.50**

Date Completed: **16 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.8** (m)  
 NPWL (m): **9.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.0** to **30.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **14.0** Drawdown (m): **4.6**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	696.0	Sand
11.3	690.2	Clay Silty
12.5	689.0	Clay & Rocks
18.0	683.5	Clay
18.6	682.9	Clay & Rocks
24.1	677.4	Clay
24.4	677.1	Rocks
29.6	671.9	Clay
31.7	669.8	Sand
32.6	668.9	Sandstone
34.8	666.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 07-051-27 W4M**

Well Number **01069**

Well Owner: **Dechamplain, R**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **274793**  
 Easting: **69,058.44**  
 Northing: **5,913,855.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **13 Dec 82**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>1190</b>	SAR	Nickel
TDS <b>733.0</b>	TKN	Selenium
Sodium <b>279.91</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>10.02</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate <b>21.90</b>	DIC	Hydroxide
Bicarbonate <b>627.79</b>	Arsenic	Total Hardness <b>37.00</b>
Aluminum	Barium	Manganese
Sulphate <b>105.19</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.97</b>
Fluoride <b>0.52</b>	Chromium	Amm. Nitrogen
Iron <b>2.54</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>552.0</b>
Silica <b>9.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-051-27 W4M**

Well Number **01070**

Well Owner: **Schultz, Cliff**

Elevation (AMSL) (m): **710**

AEP: **152640**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **69,062.07**

Date Started: **14 Mar 90**

Northing: **5,913,857.50**

Date Completed: **15 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **13.1** to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **39.6**  
 Perforated How: **Machine**  
 from (m): **27.4** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	708.9	Till
8.2	701.9	Clay Brown
9.8	700.4	Coal
10.4	699.8	Gravel
11.0	699.2	Sandstone
12.8	697.3	Clay Gray
17.4	692.8	Shale Green
19.8	690.3	Coal
21.3	688.8	Sandstone
27.4	682.7	Shale Green
28.7	681.5	Coal
34.1	676.0	Shale
38.1	672.0	Sandstone
39.6	670.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

12-09-051-27 W4M

Well Number 01071

Well Owner: Alta Env #0872e

Elevation (AMSL) (m): 713

AEP: 240618

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 70,839.87

Date Started:

Northing: 5,913,982.00

Date Completed: 24 Sep 72

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Rotary**  
Well Use: **Unknown**  
Completed Depth: **19.8** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Unknown**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**SE 10-051-27 W4M**

Well Number **01072**

Well Owner: **Rayment, Eric**

Elevation (AMSL) (m): **700**

AEP: **258556**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **73,473.16**

Date Started: **14 Jun 95**

Northing: **5,913,136.00**

Date Completed: **15 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.9** (m)  
 NPWL (m): **5.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.5** Bottom (m): **19.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **18.9** to **19.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.9** Bottom (m): **43.9**  
 Perforated How: **Machine**  
 from (m): **37.2** to **43.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **15.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.4	696.5	Sand Brown
7.6	692.2	Clay
9.1	690.7	Clay & Rocks
11.0	688.9	Shale Gray
13.4	686.5	Sandstone Gray
14.6	685.2	Shale Green
15.5	684.3	Sandstone Gray
16.5	683.4	Shale Green
18.3	681.6	Sandstone Gray
19.8	680.1	Shale Green
21.0	678.8	Shale Hard
21.6	678.2	Shale
22.3	677.6	Siltstone
23.8	676.1	Sandstone
25.3	674.6	Shale Sandy
25.9	674.0	Siltstone & Sandstone
26.2	673.7	Shale Brown
26.5	673.3	Sandstone
26.8	673.0	Shale
27.1	672.7	Sandstone
28.7	671.2	Shale
31.1	668.8	Siltstone & Sandstone
33.5	666.3	Shale
35.0	664.8	Siltstone & Sandstone
36.9	663.0	Shale
38.1	661.8	Siltstone & Sandstone
41.8	658.1	Shale
43.6	656.3	Sandstone
43.9	656.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-051-27 W4M**

Well Number **01073**

Well Owner: **Schultz, Richard Wayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **701**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **165342**  
 Easting: **75,318.70**  
 Northing: **5,913,337.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 12-051-27 W4M**

Well Number **01074**

Well Owner: **Abday, Syd**

Elevation (AMSL) (m): **702**

AEP: **238524**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **76,262.63**

Date Started: **25 Jun 93**

Northing: **5,913,914.50**

Date Completed: **25 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.9** to **52.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **50.9**

**Testing:**

Rate (lpm): **136.8** Time (minute): **480.0**  
 Level End (m): **48.8** Drawdown (m): **35.0**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	697.2	Till Brownish Yellow
37.2	664.9	Clay Soft Blue
52.7	649.3	Sand & Coal Coarse Grained Gra
54.9	647.2	Shale Light Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 12-051-27 W4M**

Well Number **01075**

Well Owner: **Horner, Jack**

Elevation (AMSL) (m): **702**

AEP: **227861**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,277.81**

Date Started: **22 Mar 93**

Northing: **5,913,939.50**

Date Completed: **23 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.3** to **51.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **6.1**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	696.1	Clay Sandy Yellow
9.8	692.5	Clay Hard Yellow
12.2	690.0	Sand & Coal
19.8	682.4	Clay Soft Blue
22.9	679.4	Sand
23.2	679.1	Rocks
30.5	671.7	Clay Blue
32.0	670.2	Shale Sandy Gray
52.7	649.5	Sand
56.4	645.8	Clay & Rocks Yellow

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-051-27 W4M**

Well Number **01076**

Well Owner: **Jensen, Tom**

Elevation (AMSL) (m): **703**

AEP: **167024**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **75,932.10**

Date Started: **30 Jun 92**

Northing: **5,913,920.50**

Date Completed: **30 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **320.0**  
 Level End (m): **21.3** Drawdown (m): **9.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	698.4	Clay Sandy Brown
29.9	673.4	Clay Blue
50.3	653.0	Sand Coarse Grained Gray
51.8	651.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-051-27 W4M**

Well Number **01077**

Well Owner: **Kindrin, Ken & Margo**

Elevation (AMSL) (m): **705**

AEP: **166345**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **76,099.12**

Date Started: **27 Mar 92**

Northing: **5,914,135.50**

Date Completed: **13 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **51.8** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub Hp.5**  
 Model: **Goulds** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **19.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	691.1	Till
15.9	689.5	Gravel
27.4	677.9	Till Sandy
28.7	676.7	Sand & Gravel
49.4	656.0	Sand
50.6	654.8	Gravel
53.0	652.3	Sand Blue Gray
68.3	637.1	Shale Gray
70.4	635.0	Shale Brownish Gray
74.4	631.0	Shale Gray
76.2	629.2	Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-051-27 W4M**

Well Number **01078**

Well Owner: **Patterson, Bruce**

Elevation (AMSL) (m): **703**

AEP: **158435**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,461.17**

Date Started: **01 Oct 82**

Northing: **5,913,980.50**

Date Completed: **05 Oct 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **60.7** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **52.1** Bottom (m): **52.1**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **52.1** to **53.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	698.1			Clay Sandy Yellow
10.4	692.6			Clay Blue
18.9	684.0			Clay & Coal Stoney Blue
20.1	682.8			Shale Sandy Gray
21.9	681.0			Shale Greenish Gray
25.3	677.6			Sand
28.0	674.9			Gravel
29.3	673.7			Shale Gray
54.0	649.0			See Comments
57.6	645.3			Shale Sandy Gray
60.7	642.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 12-051-27 W4M**

Well Number **01079**

Well Owner: **Robertson, T.L.**

Elevation (AMSL) (m): **702**

AEP: **182710**

Licence No.:

Easting: **76,016.20**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Date Started: **28 Feb 94**

Northing: **5,914,279.50**

Date Completed: **01 Mar 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.3** (m)  
 NPWL (m): **12.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **28.4** to **29.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.4**  
 from (m): **41.2** to **42.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **14.0** Drawdown (m): **1.8**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	697.9			Sand
16.1	685.5			Clay
16.8	684.8			Rocks
18.6	683.0			Shale Soft
29.0	672.7			Clay & Rocks
45.1	656.5			See Comments
46.3	655.3			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 12-051-27 W4M**

Well Number **01080**

Well Owner: **Smith, Albert**

Elevation (AMSL) (m): **705**

AEP: **186529**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,099.12**

Date Started: **05 Nov 92**

Northing: **5,914,135.50**

Date Completed: **06 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.3** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **25.0** to **28.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **39.9** to **41.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **41.1** Time (minute): **420.0**  
 Level End (m): **14.0** Drawdown (m): **2.1**  
 Rec'd intake (m): **29.9** Rec'd Rate (lpm): **41.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	701.7			Sand
14.3	691.1			Clay Silty
15.9	689.5			Clay
26.2	679.2			Clay & Rocks
28.7	676.7			Sandstone Soft
41.8	663.6			Sand See Comments
43.3	662.1			Shale Soft

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 12-051-27 W4M**

Well Number **01081**

Well Owner: **Thew, Randy & Heather**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156629**  
 Easting: **76,135.32**  
 Northing: **5,914,445.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 12-051-27 W4M**

Well Number **01082**

Well Owner: **Vanderhelm, Tom**

Elevation (AMSL) (m): **702**

AEP: **155652**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **75,826.99**

Date Started: **17 Oct 90**

Northing: **5,914,278.00**

Date Completed: **18 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **38.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **39.6** to **41.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **24.4**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **54.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	699.5	Clay	Sandy	
29.6	672.6	Clay		
33.5	668.7	Clay	Sandy	
43.3	658.9	Sand		
45.7	656.5	Clay		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 12-051-27 W4M**

Well Number **01083**

Well Owner: **Vierath, Rainier**

Elevation (AMSL) (m): **702**

AEP: **186133**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,381.76**

Date Started: **15 Sep 92**

Northing: **5,914,342.50**

Date Completed: **16 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **47.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.9** to **49.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	695.9	Clay Yellow
11.3	690.7	Sand & Coal Coarse Grained
16.8	685.2	Clay Blue
17.7	684.3	Clay & Gravel
18.6	683.4	Rocks
30.5	671.5	Clay Hard Blue
51.8	650.2	Sand
52.7	649.3	Shale Sandy Gray
54.9	647.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-051-27 W4M**

Well Number **01084**

Well Owner: **Denney, Norm**

Elevation (AMSL) (m): **701**

AEP: **150185**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,974.63**

Date Started: **08 Mar 90**

Northing: **5,913,382.00**

Date Completed: **09 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **12.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): **28.0** to  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): **27.1** Bottom (m): **59.7**  
 Perforated How: **Machine**  
 from (m): **52.4** to **59.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.8** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	696.4	Sand
13.7	687.3	Clay Silty
25.3	675.7	Clay Stony
27.4	673.6	Shale
28.7	672.4	Siltstone
29.3	671.7	Sandstone
30.5	670.5	Shale
31.4	669.6	Siltstone
36.0	665.0	Shale
38.4	662.6	Siltstone
39.6	661.4	Shale
40.5	660.5	Sandstone
41.8	659.2	Shale
43.0	658.0	Siltstone
46.3	654.7	Sandstone
57.6	643.4	Shale
58.8	642.2	Sandstone
59.7	641.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-051-27 W4M**

Well Number **01085**

Well Owner: **Graminia School (Cty Parkland)**

Elevation (AMSL) (m): **703**

AEP: **158255**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,150.06**

Date Started: **20 Jul 81**

Northing: **5,913,354.50**

Date Completed: **21 Jul 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Municipal**  
 Completed Depth **56.1** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **34.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **55.2**  
 Perforated How: **Unknown**  
 from (m): **34.1** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **14.6** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	701.3	Sand
5.8	696.7	Clay Yellow
10.4	692.2	Sand & Coal See Comments
17.7	684.8	Clay Blue
21.3	681.2	Coal
27.7	674.8	Clay Blue
31.4	671.1	Sand
35.0	667.5	Shale Light Gray
36.0	666.6	Coal
39.0	663.5	Shale Greenish Gray
40.2	662.3	Shale Sandy Gray
42.1	660.5	Shale Light Gray
43.0	659.6	Shale Brown
48.8	653.8	Shale Sandy Gray
49.7	652.8	Shale Sandy Gray
56.1	646.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 13-051-27 W4M**

Well Number **01086**

Well Owner: **Forest Contract Mgmt.**

Elevation (AMSL) (m): **702**

AEP: **166526**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,096.84**

Date Started: **17 Jun 92**

Northing: **5,916,032.00**

Date Completed: **17 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **34.4**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **31.4** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **7.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	699.9	Sand Yellow
9.8	692.6	Sand & Coal Dark Gray
18.3	684.0	Clay Blue
20.4	681.9	Clay & Rocks Blue
27.4	674.9	Clay Hard Blue
28.7	673.7	Clay Yellow
29.6	672.7	Shale Sandy Gray
31.1	671.2	Shale Greenish Gray
33.5	668.8	Shale Sandy Gray
36.0	666.3	Shale Green
43.9	658.4	Shale Sandy Gray
44.5	657.8	Shale Green
61.0	641.3	Shale Sandy Gray
64.0	638.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 13-051-27 W4M**

Well Number **01087**

Well Owner: **Johnson, Dan**

Elevation (AMSL) (m): **702**

AEP: **163393**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **77,096.84**

Date Started: **07 Oct 91**

Northing: **5,916,040.00**

Date Completed: **08 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.9** Bottom (m): **58.8**  
 Perforated How: **Machine**  
 from (m): **34.4** to **37.5** Size:  
 from (m): **52.7** to **58.8** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **33.5**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

16.8 685.6 Sand  
 22.9 679.5 Clay Blue  
 31.7 670.7 Shale  
 34.1 668.2 Shale Sandy  
 34.4 667.9 Coal  
 38.1 664.3 Shale  
 39.3 663.1 Shale Sandy  
 39.6 662.8 Coal  
 43.9 658.5 Shale  
 45.4 657.0 Shale Sandy  
 46.3 656.1 Shale  
 48.2 654.2 Shale Sandy  
 54.3 648.1 Shale  
 54.6 647.8 Coal  
 58.5 643.9 Shale  
 58.8 643.6 Coal  
 61.0 641.4 Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 13-051-27 W4M**

Well Number **01088**

Well Owner: **Lemke, Blaine**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161600**  
 Easting: **77,156.27**  
 Northing: **5,915,716.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 13-051-27 W4M**

Well Number **01089**

Well Owner: **Monaghan, Jack**

Elevation (AMSL) (m): **706**

AEP: **245046**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,852.82**

Date Started: **27 Oct 94**

Northing: **5,915,660.50**

Date Completed: **31 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **39.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **37.5** Bottom (m): **78.0**  
 Perforated How: **Saw**  
 from (m): **39.0** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: S5p4c02tl-02**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **39.3**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	700.0	Sand
7.6	698.5	Clay Blue
10.1	696.0	Sand
25.9	680.2	Clay Blue
30.5	675.6	Shale Brittle Green
35.0	671.0	Shale Sandy Gray
40.2	665.9	Shale Brittle Gray
44.5	661.6	Shale Sandy Gray
47.2	658.9	Shale Green
50.3	655.8	Shale Sandy Gray
52.4	653.7	Shale Green
68.3	637.8	Sandstone
71.9	634.2	Coal
78.9	627.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 13-051-27 W4M**

Well Number **01090**

Well Owner: **Ratray, Bob**

Elevation (AMSL) (m): **704**

AEP: **245044**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,156.27**

Date Started: **06 May 94**

Northing: **5,915,725.00**

Date Completed: **07 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **55.2**  
 Perforated How: **Saw**  
 from (m): **36.6** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **10.7**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	693.1	Sand
26.2	678.2	Clay Blue
27.4	676.9	Shale Green
29.9	674.5	Shale Brown
38.1	666.3	Shale Green
43.3	661.1	Shale Sandy Gray
43.9	660.5	Shale Gray
56.1	648.3	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 13-051-27 W4M**

Well Number **01091**

Well Owner: **Bailie, Dan**

Elevation (AMSL) (m): **705**

AEP: **153276**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **75,944.94**

Date Started: **17 Oct 90**

Northing: **5,916,072.50**

Date Completed: **19 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **12.2** to **37.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **62.5**  
 Perforated How: **Torch**  
 from (m): **36.6** to **62.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **62.5** Drawdown (m): **44.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	694.3	Sand
29.0	676.1	Till
33.5	671.5	Shale Blue
39.6	665.4	Shale Gray
41.5	663.6	Sandstone
42.7	662.3	Shale Brown
46.0	659.0	Shale Gray
47.6	657.5	Sandstone Gray
56.4	648.6	Shale & Sandstone Ledges Gray
59.4	645.6	Shale & Coal Brown
62.5	642.5	Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-051-27 W4M**

Well Number **01092**

Well Owner: **Cline, Gord**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **702**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161599**  
 Easting: **77,240.47**  
 Northing: **5,914,961.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 13-051-27 W4M**

Well Number **01093**

Well Owner: **Vanoverveld, Guido**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **198297**  
 Easting: **75,784.23**  
 Northing: **5,914,900.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 18-051-27 W4M**

Well Number **01094**

Well Owner: **Eberhardt, Henry**

Elevation (AMSL) (m): **716**

AEP: **155167**

Drilling Contractor: *Countryside Drilling*

Licence No.:

Easting: **68,796.59**

Date Started: **09 Aug 90**

Northing: **5,915,962.50**

Date Completed: **15 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **26.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Unknown**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **13.7** Time (minute): **720.0**  
 Level End (m): **9.1** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	712.5	Sand See Comments
9.1	706.5	Clay Sandy
21.3	694.3	Shale Hard
30.5	685.1	Sandstone & Shale Ledges Water

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-051-27 W4M**

Well Number **01095**

Well Owner: **Breitkreutz, J.**

Elevation (AMSL) (m): **716**

AEP: **219547**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,677.18**

Date Started: **09 Sep 93**

Northing: **5,915,755.00**

Date Completed: **10 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **15.2** to **16.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **27.4**  
 Perforated How: **Saw**  
 from (m): **19.8** to **25.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g07422** Intake (m): **14.9**

**Testing:**  
 Rate (lpm): **95.8** Time (minute): **120.0**  
 Level End (m): **14.9** Drawdown (m): **8.5**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth (m)</b>	<b>Elevation (BGL) (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	713.3	Clay Brown
4.3	711.7	Sand & Coal Coarse Grained
7.0	709.0	Clay Brown
12.8	703.2	Clay Gray
14.0	702.0	Shale & Coal Brown
16.5	699.5	Sandstone
18.6	697.4	Shale Green
20.7	695.3	Sandstone
21.9	694.1	Shale Green
25.3	690.7	Sandstone
26.5	689.5	Shale Gray
27.4	688.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-19-051-27 W4M

Well Number 01096

Well Owner: **Alta Env #0874e**

Elevation (AMSL) (m): **716**

AEP: **240619**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **67,738.82**

Date Started:

Northing: **5,916,247.00**

Date Completed: **03 Oct 72**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **24.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	714.5			Clay & Silt Loamy Light Yellow
15.2	700.8			Clay Silty Greenish Gray
18.3	697.7			Shale Silty Greenish Gray
22.9	693.1			Siltstone Light Gray
24.4	691.6			Sandstone Medium Grained White

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-051-27 W4M**

Well Number **01097**

Well Owner: **Basler, Herman**

Elevation (AMSL) (m): **719**

AEP: **268149**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,654.52**

Date Started: **27 Sep 95**

Northing: **5,917,577.50**

Date Completed: **28 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **27.4** to **30.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **36.0** to **47.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **33.5**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **24.7**  
 Rec'd intake (m): **34.4** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	712.3			Clay Brown
15.2	703.8			Clay Gray
16.8	702.2			Sand Fine Grained Gray
18.0	701.0			Sandstone
19.5	699.5			Shale Gray
29.0	690.1			Sandstone
36.0	683.0			Shale Green
39.0	680.0			Sandstone
39.9	679.1			Shale Green
42.1	676.9			Sandstone
43.3	675.7			Shale Green
45.1	673.9			Sandstone
46.0	673.0			Shale Green
47.2	671.8			Sandstone
48.8	670.2			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-051-27 W4M**

Well Number **01098**

Well Owner: **Mcintyre, AI**

Elevation (AMSL) (m): **719**

AEP: **166482**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **67,654.52**

Date Started: **25 Mar 92**

Northing: **5,917,577.50**

Date Completed: **26 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.7** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.3** Bottom (m): **67.7**  
 Perforated How: **Other**  
 from (m): **35.0** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **45.7** Drawdown (m): **32.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.1	705.9	Sand
27.7	691.3	Clay Blue
35.0	684.0	Shale Green
40.5	678.5	Sandstone
46.9	672.1	Shale Gray
52.4	666.6	Sandstone
60.4	658.7	Shale Gray
61.9	657.1	Shale & Coal Brown
66.1	652.9	Sandstone
67.7	651.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 19-051-27 W4M**

Well Number **01099**

Well Owner: **Golden Spike Hill**

Elevation (AMSL) (m): **715**

AEP: **154342**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **68,902.89**

Date Started: **17 Sep 80**

Northing: **5,916,287.00**

Date Completed: **17 Sep 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **19.2** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Welded Ring**  
 from (m): to **9.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **19.2**  
 Perforated How: **Torch**  
 from (m): **9.4** to **19.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **16.8**

**Testing:**

Rate (lpm): **136.8** Time (minute): **240.0**  
 Level End (m): **18.3** Drawdown (m): **14.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **136.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	708.5			Clay Sandy
8.5	706.1			Silt Sandy
8.8	705.8			Shale Brown
9.1	705.5			Coal
10.7	703.9			Shale Green
19.2	695.4			Sandstone & Shale Ledges Soft

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-051-27 W4M**

Well Number **01100**

Well Owner: **Brandon, B.**

Elevation (AMSL) (m): **707**

AEP: **159521**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **75,569.78**

Date Started: **08 Oct 91**

Northing: **5,917,550.00**

Date Completed: **11 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **39.6** to **41.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **94.5**  
 Perforated How: **Saw**  
 from (m): **82.3** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **680.0**  
 Level End (m): **82.3** Drawdown (m): **53.3**  
 Rec'd intake (m): **80.8** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	695.4	Sand Fine Grained Brown
15.2	691.7	Sand Coarse Grained Brown
17.7	689.3	Sand & Coal Brown
25.9	681.1	Clay Gray
26.8	680.2	Coal
32.6	674.4	Till & Clay Gray
33.8	673.1	Sand Fine Grained Gray
34.1	672.8	Gravel
36.3	670.7	Till & Clay Gray
45.1	661.9	Shale Brownish Green
47.9	659.1	Sandstone Gray
58.5	648.5	Shale
59.4	647.5	Shale & Coal Brown
59.7	647.2	Sandstone Hard Gray
78.6	628.3	Shale
84.4	622.5	Sandstone Gray
89.9	617.1	Siltstone & Sandstone
94.5	612.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-051-27 W4M**

Well Number **01101**

Well Owner: **Kroon, Bob**

Elevation (AMSL) (m): **711**

AEP: **208791**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **75,566.49**

Date Started: **26 Feb 93**

Northing: **5,917,394.00**

Date Completed: **03 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **31.1** to **32.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **106.7**  
 Perforated How: **Saw**  
 from (m): **39.6** to **45.7** Size:  
 from (m): **70.1** to **82.3** Size:  
 from (m): **94.5** to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi 7s4518p** Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **240.0**  
 Level End (m): **91.4** Drawdown (m): **72.8**  
 Rec'd intake (m): **99.1** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	705.5	Sand Brown
25.9	685.1	Sand & Gravel
27.4	683.6	Shale Gray
29.3	681.8	Sandstone
33.2	677.8	Shale Green
35.4	675.7	Sandstone
37.5	673.5	Shale Gray
39.3	671.7	Sandstone
41.8	669.3	Shale Gray
43.3	667.7	Sandstone
44.2	666.8	Coal
45.1	665.9	Shale
46.9	664.1	Sandstone
47.6	663.5	Coal
51.8	659.2	Shale
53.0	658.0	Sandstone
58.8	652.2	Shale
59.7	651.3	Sandstone
63.7	647.3	Shale
65.2	645.8	Sandstone
69.5	641.5	Shale
70.4	640.6	Coal
71.6	639.4	Shale
72.2	638.8	Sandstone
75.0	636.0	Shale
75.9	635.1	Sandstone
77.7	633.3	Shale
79.6	631.5	Sandstone
92.1	619.0	Shale
95.4	615.6	Sandstone
100.0	611.1	Shale
102.1	608.9	Sandstone
106.7	604.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-051-27 W4M**

Well Number **01102**

Well Owner: **Reid, Dwight**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169053**  
 Easting: **75,249.13**  
 Northing: **5,917,369.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 23-051-27 W4M**

Well Number **01103**

Well Owner: **Prunkl, Joan & Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156630**  
 Easting: **74,735.50**  
 Northing: **5,916,408.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

---24-051-27 W4M

Well Number 01104

Well Owner: **Lee, Wilma**

Elevation (AMSL) (m): **703**

AEP: **161602**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **76,499.82**

Date Started:

Northing: **5,916,906.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**EH 24-051-27 W4M**

Well Number **01105**

Well Owner: **W.G.K.Investments/Greg Rosin**

Elevation (AMSL) (m): **704**

AEP: **159292**

Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Licence No.:

Easting: **77,044.89**

Date Started: **02 Apr 91**

Northing: **5,916,443.50**

Date Completed: **02 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **13.7** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Cuttings**  
 from (m): to **2.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **9.8** to **10.4** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **8.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	700.2			Sand
6.1	698.3			Clay
9.8	694.7			Sand
13.4	691.0			Clay
13.7	690.7			Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**EH 24-051-27 W4M**

Well Number **01106**

Well Owner: **Wgk Investments**

Elevation (AMSL) (m): **705**

AEP: **158372**

Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Licence No.:

Easting: **77,160.74**

Date Started: **28 Mar 91**

Northing: **5,916,457.50**

Date Completed: **29 Mar 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **13.1** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **9.8** to **10.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **10.7**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **9.8**  
 Rec'd intake (m): **10.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.7	701.4	Sand	
6.4	698.6	Clay	
9.4	695.6	Sand	
13.1	691.9	Clay	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**EH 24-051-27 W4M**

Well Number **01107**

Well Owner: **Wgk Investments Hole #3**  
 Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Elevation (AMSL) (m): **705**                      AEP: **158390**  
 Licence No.:    Easting: **77,049.52**  
 Date Started: **24 Apr 91**                      Northing: **5,916,492.00**  
 Date Completed: **24 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **14.3** (m)  
 NPWL (m): **1.8**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **14.3**                      Bottom (m): **14.3**  
 OD (mm): **609.6**                      Thickness (mm): **0.0**  
 Seal Type: **Formation Packer**  
 from (m):                      to **3.1**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **10.7**                      to **11.3**                      Size: **0.02**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **6.8**                      Time (minute): **120.0**  
 Level End (m): **12.2**                      Drawdown (m): **10.4**  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.7	701.5		Sand
6.4	698.8		Clay
10.1	695.1		Sand & Clay Stringers Silty
14.3	690.9		Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-051-27 W4M**

Well Number **01108**

Well Owner: **Mazar, Troy & Monica**

Elevation (AMSL) (m): **703**

AEP: **166256**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **76,942.52**

Date Started: **12 May 92**

Northing: **5,917,377.50**

Date Completed: **14 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.7** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **91.7**  
 Perforated How: **Saw**  
 from (m): **67.1** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **85.3**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	695.4	Sand
10.7	692.3	Clay Silty
13.4	689.6	Sand & Coal Medium Grained
18.3	684.7	Sand & Till
22.9	680.1	Sand & Coal Gravelly
25.0	678.0	Shale Gray
29.0	674.1	Sandstone
33.5	669.5	Shale Green
36.0	667.0	Sandstone
41.8	661.2	Shale Sandy Green
44.2	658.8	Shale & Coal Brown
47.9	655.2	Shale Gray
50.3	652.7	Shale Sandy Green
53.3	649.7	Shale & Coal Brown
61.0	642.0	Shale Greenish Gray
64.0	639.0	Shale Sandy Gray
68.6	634.4	Sandstone Dry
70.1	632.9	Shale Light Brown
72.2	630.8	Shale Dark Brown
73.8	629.2	Shale Sandy Gray
81.7	621.3	Sandstone Fine Grained
85.3	617.7	Shale Green
89.0	614.0	Shale Gray
91.4	611.6	Sandstone
91.7	611.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-051-27 W4M**

Well Number **01109**

Well Owner: **Pocatello, W.G.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156631**  
 Easting: **76,942.52**  
 Northing: **5,917,377.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-051-27 W4M**

Well Number **01110**

Well Owner: **Schmude, Glen**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **703**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161601**  
 Easting: **76,942.52**  
 Northing: **5,917,377.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 24-051-27 W4M**

Well Number **01111**

Well Owner: **Big Horn Ranches Ltd.**

Elevation (AMSL) (m): **704**

AEP: **169082**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,225.14**

Date Started: **14 Mar 88**

Northing: **5,917,626.00**

Date Completed: **16 Mar 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **35.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **104.2**  
 Perforated How: **Torch**  
 from (m): **35.0** to **104.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **51.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	701.4	Sand Yellow
4.6	699.9	Clay Sandy Yellow
7.6	696.8	Sand & Coal
9.1	695.3	Clay Blue
11.0	693.5	Sand & Coal
21.3	683.1	Clay Blue
23.5	681.0	Sand & Coal Clayey
25.9	678.6	Clay Blue
27.4	677.0	Shale Light Gray
37.2	667.3	Shale Green
44.5	660.0	Sandstone
45.7	658.7	Shale Gray
46.9	657.5	Shale & Coal Brown
54.3	650.2	Shale Sandy Gray
58.2	646.3	Shale Green
59.7	644.7	Sand Gray
61.0	643.5	Shale & Coal Brown
64.9	639.5	Shale Green
66.4	638.0	Shale Sandy Gray
68.3	636.2	Shale Green
69.8	634.7	Shale & Coal Brown
74.1	630.4	Shale Green
79.8	624.6	Sandstone
86.9	617.6	Shale Gray
91.1	613.3	Shale Sandy Gray
91.7	612.7	Shale Green
97.5	606.9	Shale Sandy Gray
99.1	605.4	Shale Green
102.1	602.4	Shale Sandy Gray
105.2	599.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-051-27 W4M**

Well Number **01112**

Well Owner: **Laurie, Dave**

Elevation (AMSL) (m): **706**

AEP: **208798**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **76,116.61**

Date Started: **02 Nov 92**

Northing: **5,917,381.00**

Date Completed: **05 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **27.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **32.0** to **32.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.0** Bottom (m): **106.7**  
 Perforated How: **Saw**  
 from (m): **61.0** to **79.2** Size:  
 from (m): **91.4** to **106.7** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 295**

Model: **Jaccuzi 7s4518p** Intake (m): **91.4**

**Testing:**

Rate (lpm): **9.1** Time (minute): **740.0**  
 Level End (m): **91.4** Drawdown (m): **63.7**  
 Rec'd intake (m): **89.9** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	692.1			Sand Brown
22.9	683.0			Clay Gray
28.0	677.8			Clay & Gravel
32.0	673.9			Shale Gray
35.0	670.8			Shale Green
65.5	640.3			Shale Brownish Gray
65.8	640.0			Shale & Coal Brown
67.1	638.8			Shale Gray
90.8	615.0			Shale & Sandstone Ledges
91.1	614.7			Sandstone & Coal
94.5	611.4			Shale Gray
106.7	599.2			Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 24-051-27 W4M**

Well Number **01113**

Well Owner: **Win Alta Shelters**

Elevation (AMSL) (m): **707**

AEP: **195410**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **75,939.02**

Date Started: **15 Oct 92**

Northing: **5,917,182.00**

Date Completed: **23 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **69.5** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **68.0**  
 Perforated How: **Machine**  
 from (m): **43.3** to **49.4** Size:  
 from (m): **61.6** to **67.7** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): **48.8** Drawdown (m): **26.2**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	697.9			Clay Sandy
15.2	691.8			Sand Gray
28.0	679.0			Clay
28.7	678.4			Shale
29.0	678.1			Sandstone
30.5	676.5			Shale
32.9	674.1			Shale Sandy
39.6	667.4			Shale
39.9	667.1			Coal
43.3	663.7			Shale
43.6	663.4			Coal
48.2	658.8			Shale
50.0	657.0			Shale Sandy
67.4	639.6			Shale
67.7	639.3			Coal
69.5	637.5			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 24-051-27 W4M**

Well Number **01114**

Well Owner: **Fritz, Joe**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **704**      AEP: **155653**  
 Licence No.:                              Easting: **76,980.69**  
 Date Started: **21 Feb 91**          Northing: **5,916,639.50**  
 Date Completed: **24 Feb 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **13.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.9**      Bottom (m): **21.9**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                  to **21.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **18.3**      Bottom (m): **62.5**  
 Perforated How: **Machine**  
 from (m): **56.4**      to **62.5**      Size:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Open Hole:**  
 from (m):                  to  
**Pump:**  
 Model:                                  Intake (m): **53.3**  
**Testing:**  
 Rate (lpm): **27.4**                  Time (minute): **120.0**  
 Level End (m): **53.3**              Drawdown (m): **39.6**  
 Rec'd intake (m):                  Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.9	703.1		Clay
21.9	682.1		Sand
32.0	672.0		Shale
32.9	671.1		Shale Sandy
49.4	654.6		Shale
49.7	654.3		Coal
61.3	642.7		Shale
62.5	641.5		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                  m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                  Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 24-051-27 W4M**

Well Number **01115**

Well Owner: **Martin, N.**

Elevation (AMSL) (m): **708**

AEP: **164416**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **76,579.83**

Date Started: **19 Mar 92**

Northing: **5,916,704.50**

Date Completed: **29 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **24.4** to **27.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **57.9** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **57.9**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **57.9** Drawdown (m): **33.5**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	702.9	Sand Brown
18.0	690.4	Silt & Coal Sandy Gray
21.6	686.8	Sand Silty Gray
21.9	686.5	Gravel
23.2	685.2	Till & Clay Gray
29.9	678.5	Shale Gray
33.5	674.9	Shale Brown
35.4	673.0	Sandstone
36.0	672.4	Shale & Coal Brown
39.9	668.5	Shale Medium Grained Gray
40.5	667.9	Shale Brown
42.1	666.3	Shale Green
44.2	664.2	Sandstone
44.8	663.6	Shale Gray
45.7	662.7	Sandstone
55.2	653.2	Shale Gray
60.7	647.8	Sandstone Light Gray
65.8	642.6	Shale Medium Grained Gray
70.7	637.7	Sandstone
73.2	635.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

01-25-051-27 W4M

Well Number 01116

Well Owner: **Brusselers, Cor**

Elevation (AMSL) (m): **704**

AEP: **235346**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **77,136.18**

Date Started: **31 May 93**

Northing: **5,918,121.00**

Date Completed: **01 Jun 93**

**General:**

Type of Work: **New Well**  
Drilling Method: **Bored**  
Well Use: **Domestic**  
Completed Depth **17.7** (m)  
NPWL (m): **9.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **17.7** Bottom (m): **17.7**  
OD (mm): **635.0** Thickness (mm): **0.0**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): **3.1** to **3.7**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **Ga**  
OD (mm): **7.0**  
from (m): **12.8** to **13.1** Size: **0.02**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
Level End (m): **17.1** Drawdown (m): **7.9**  
Rec'd intake (m): **16.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	696.1	Sand Yellow
9.1	694.6	Sand Gray
10.4	693.4	Sand Silty Black
12.2	691.5	Sand Silty Gray
12.8	690.9	Clay & Sand Silty Black
14.0	689.7	Sand Blue
17.7	686.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**01-25-051-27 W4M**

Well Number **01117**

Well Owner: **Friend, Stephen/Prbm Rpt.**

Elevation (AMSL) (m): **702**

AEP: **247567**

Drilling Contractor: **Kc Drilling (Leduc)**

Licence No.:

Easting: **77,215.91**

Date Started: **14 Sep 94**

Northing: **5,918,255.00**

Date Completed: **15 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **15.9** (m)  
 NPWL (m): **3.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **4.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **7.3**  
 from (m): **9.4** to **9.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m): **11.5**  
 Rec'd intake (m): **14.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	697.5	Sand Fine Grained Light
5.5	696.6	Sand Fine Grained Dark
5.8	696.3	Clay & Sand
7.9	694.2	Sand Fine Grained Blue
8.5	693.6	Clay Silty Black
10.1	692.1	Sand Silty Black
15.9	686.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-051-27 W4M**

Well Number **01118**

Well Owner: **Lowther, Bill**

Elevation (AMSL) (m): **707**

AEP: **247573**

Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Licence No.:

Easting: **76,541.77**

Date Started: **24 Nov 94**

Northing: **5,919,048.00**

Date Completed: **25 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **660.4** Thickness (mm): **0.0**  
 Seal Type: **Shale Trap**  
 from (m): to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **14.9** to **15.5** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **364.9** Time (minute): **240.0**  
 Level End (m): **18.3** Drawdown (m): **8.2**  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.6	695.1	Sand
13.1	693.6	Till & Clay
16.8	689.9	Sand Silty
20.7	685.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-051-27 W4M**

Well Number **01119**

Well Owner: **Scabar, Bob**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **705**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **273067**  
 Easting: **76,837.91**  
 Northing: **5,919,057.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **28 Apr 75**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>700.0</b>	SAR	Nickel
TDS <b>396.0</b>	TKN <b>0.07</b>	Selenium
Sodium <b>2.99</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>121.04</b>	TN	Vanadium
Magnesium <b>22.98</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>402.67</b>	Arsenic	Total Hardness <b>396.00</b>
Aluminum	Barium	Manganese
Sulphate <b>35.06</b>	Beryllium	Phosphate
Chloride <b>4.96</b>	Cadium	Ion Balance <b>1.08</b>
Fluoride <b>0.16</b>	Chromium	Amm. Nitrogen
Iron <b>0.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>330.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-051-27 W4M**

Well Number **01120**

Well Owner: **Scabar, R.M.**

Elevation (AMSL) (m): **706**

AEP: **166978**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,921.25**

Date Started: **30 Jun 92**

Northing: **5,918,811.47**

Date Completed: **01 Jul 92**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **54.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **01 Jul 92**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	701.6	Sand Brown
5.2	701.0	Clay Sandy Brown
5.8	700.4	Clay Silty
23.5	682.7	Clay & Sand Silty
25.0	681.2	Clay
29.9	676.3	Sandstone Soft
35.7	670.5	Shale
39.9	666.2	Clay
45.7	660.4	Shale
47.2	658.9	Siltstone
50.6	655.6	Sandstone
54.3	651.9	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 25-051-27 W4M**

Well Number **01121**

Well Owner: **Taylor, C**

Elevation (AMSL) (m): **706**

AEP: **274964**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **76,051.29**

Date Started: **14 Mar 75**

Northing: **5,919,007.00**

Date Completed: **19 Mar 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **33.2** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **35.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.1	695.9	Sand
20.7	685.3	Clay Blue
21.0	685.0	Boulders
21.9	684.1	Clay & Rocks
23.8	682.2	Shale Brown
24.4	681.6	Shale Greenish Gray
25.6	680.4	Shale Sandy Gray
26.5	679.5	Shale
27.4	678.6	Shale Carbonaceous Dark Gray
33.2	672.8	Clay & Rocks
35.7	670.3	Shale Sandy Gray
37.2	668.8	Shale Brown
37.8	668.2	Shale Green
40.5	665.5	Shale Sandy Gray
42.1	663.9	Shale Brown
43.3	662.7	Shale Dark Gray
43.6	662.4	Hard Pan
45.7	660.3	Shale Dark Gray
48.2	657.8	Shale Green
51.5	654.5	Shale Sandy Gray
61.0	645.0	Shale Dark Gray
63.1	642.9	Shale & Coal Brown
65.2	640.8	Shale Dark Gray

Laboratory: **20 Jun 75**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>1510</b>	SAR	Nickel
TDS	<b>756.0</b>	TKN	Selenium
Sodium	<b>307.05</b>	Nitrate	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>36.00</b>	DIC	Hydroxide
Bicarbonate	<b>798.01</b>	Arsenic	Total Hardness <b>9.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride	<b>1.98</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>714.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-051-27 W4M**

Well Number **01122**

Well Owner: **Haat, Dave**

Elevation (AMSL) (m): **702**

AEP: **218432**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **77,067.83**

Date Started: **20 May 93**

Northing: **5,918,221.50**

Date Completed: **20 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **125.5** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **27.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **18.3** to **19.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **19.8**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **10.7**  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	699.2	Sand Brownish Yellow
4.0	698.2	Till Brown
5.8	696.4	Sand Brown
18.0	684.2	Clay Blue
20.4	681.8	Sand & Coal
22.3	680.0	Clay Blue
25.9	676.3	Sand & Coal
27.4	674.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 25-051-27 W4M**

Well Number **01123**

Well Owner: **Cust, Roy**

Elevation (AMSL) (m): **705**

AEP: **154343**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **75,916.85**

Date Started: **21 Jan 85**

Northing: **5,918,332.00**

Date Completed: **25 Jan 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **76.2** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **26.8** Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **2.3** Time (minute): **180.0**  
 Level End (m): **76.2** Drawdown (m): **66.8**  
 Rec'd intake (m): **70.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	700.2	Sand
17.1	688.0	Clay
19.8	685.2	Gravel
27.1	677.9	Clay Sandy
35.7	669.4	Shale Gray
37.8	667.3	Shale Brown
43.0	662.1	Shale Gray
58.8	646.2	Shale Brown
62.5	642.6	Shale Green
76.2	628.8	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-051-27 W4M**

Well Number **01124**

Well Owner: **Hubbard, Neale**

Elevation (AMSL) (m): **704**

AEP: **152681**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **74,430.27**

Date Started: **22 Aug 90**

Northing: **5,918,893.50**

Date Completed: **24 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.8** (m)  
 NPWL (m): **13.0** Verified NPWL (m):  
 Abandonment: **Cement**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **32.0** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **73.8**  
 Perforated How: **Machine**  
 from (m): **67.7** to **73.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **22.3** Drawdown (m): **9.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	692.9	Silt Sandy
19.5	684.4	Clay Silty
19.8	684.1	Stones
24.4	679.5	Clay Stoney
24.7	679.2	Stones
29.3	674.7	Clay
29.6	674.4	Coal
35.7	668.3	Shale
41.2	662.8	Coal
43.6	660.3	Shale
43.9	660.0	Coal
55.5	648.4	Shale
56.7	647.2	Sandstone
58.5	645.4	Shale
62.8	641.1	Sandstone
67.7	636.3	Shale
68.3	635.6	Coal
70.7	633.2	Shale
72.2	631.7	Sandstone
73.8	630.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-051-27 W4M**

Well Number **01125**

Well Owner: **Mccann, Jack**

Elevation (AMSL) (m): **704**

AEP: **153277**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **74,430.27**

Date Started: **16 Oct 90**

Northing: **5,918,893.50**

Date Completed: **18 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **45.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **54.9** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **56.4**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **54.9** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	694.8	Sand Silty
19.8	684.1	Sand Coarse Grained
33.5	670.4	Clay Blue
41.2	662.8	Clay Silty Blue
42.1	661.9	Boulders Clayey Blue
46.3	657.6	Shale Green
48.5	655.5	Shale Gray
49.7	654.2	Sandstone Gray
53.0	650.9	Shale Gray
54.6	649.4	Shale Brown
55.2	648.7	Coal
55.8	648.1	Shale Brown
58.5	645.4	Shale Gray
63.1	640.8	Shale Brown
63.4	640.5	Coal
67.7	636.3	Shale Brown
70.7	633.2	Shale Gray
71.9	632.0	Sandstone
73.2	630.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

15-27-051-27 W4M

Well Number 01126

Well Owner: **Can Gulf Oil Co Hole #6**

Elevation (AMSL) (m): **707**

AEP: **264464**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **73,446.49**

Date Started:

Northing: **5,918,897.66**

Date Completed: **15 May 52**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **300.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 27-051-27 W4M**

Well Number **01127**

Well Owner: **Bandman, Henry**

Elevation (AMSL) (m): **711**

AEP: **169278**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **72,866.07**

Date Started: **09 Jul 92**

Northing: **5,918,184.50**

Date Completed: **09 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **9.1** to **12.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.4**  
 from (m): **25.9** to **27.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Berkley**  
 Model: **13 Stage** Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **18.3**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **18.2**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 18.3 693.0 *Silt Brown*  
 27.4 683.9 *Sand*

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 27-051-27 W4M**

Well Number **01128**

Well Owner: **Dowbiggin, Bill**

Elevation (AMSL) (m): **711**

AEP: **238747**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,936.20**

Date Started: **22 Apr 94**

Northing: **5,918,178.00**

Date Completed: **23 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **18.9** to **20.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **20.4**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **17.7** Drawdown (m): **13.7**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	708.0	Sand Silty
18.9	691.8	Clay Sandy Blue
20.4	690.3	Sand Silty
25.0	685.7	Clay Sandy Blue
26.2	684.5	Sand Coarse Grained
30.5	680.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-27 W4M**

Well Number **01129**

Well Owner: **Dowpiggin, Bill**

Elevation (AMSL) (m): **711**

AEP: **165343**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **72,931.11**

Date Started: **07 May 79**

Northing: **5,918,173.00**

Date Completed: **07 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **28.0**  
 Perforated How: **Torch**  
 from (m): **24.1** to **28.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **25.9**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	703.5	Clay & Sand
21.3	689.5	Clay
23.8	687.1	Gravel
26.5	684.3	Clay
26.8	684.0	Coal
28.0	682.8	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-27 W4M**

Well Number **01130**

Well Owner: **Finnamore, Bert**

Elevation (AMSL) (m): **710**

AEP: **153983**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,973.19**

Date Started: **08 Nov 90**

Northing: **5,918,133.50**

Date Completed: **08 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **12.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **18.3** to **19.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	704.6	Clay Sandy Yellow
12.5	697.6	Clay Blue
18.0	692.1	Sand Silty
19.8	690.3	Sand
21.3	688.7	Clay & Rocks Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 27-051-27 W4M**

Well Number **01131**

Well Owner: **Green, Bonnie/Kent**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **196664**  
 Easting: **72,866.07**  
 Northing: **5,918,184.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 27-051-27 W4M**

Well Number **01132**

Well Owner: **Knebel, Robert**

Elevation (AMSL) (m): **711**

AEP: **217307**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,866.07**

Date Started: **22 Jul 93**

Northing: **5,918,184.50**

Date Completed: **22 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **22.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **29.3**  
 Perforated How: **Saw**  
 from (m): **22.9** to **28.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.3**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m): **9.8**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	706.4	Clay Sandy Yellow
17.7	693.6	Clay Blue
19.2	692.1	Sand
22.6	688.8	Shale Green
23.2	688.2	Sandstone
23.8	687.5	Coal
28.0	683.3	Sandstone
29.3	682.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-27 W4M**

Well Number **01133**

Well Owner: **Win Alta Shelters**  
 Drilling Contractor: **Rodco Drilling**

Elevation (AMSL) (m): **710**      AEP: **196732**  
 Licence No.:      Easting: **73,073.93**  
 Date Started: **14 Dec 92**      Northing: **5,918,221.50**  
 Date Completed: **16 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **8.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3**      to **21.9**  
**Liner:**  
 Type:  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Top (m):      Bottom (m): **28.4**  
 Perforated How: **Machine**  
 from (m): **22.3**      to **28.4**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.4**      to **29.9**      Size: **0.02**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **13.7**      Time (minute): **240.0**  
 Level End (m): **25.9**      Drawdown (m): **16.8**  
 Rec'd intake (m): **27.4**      Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.9	698.1	Silt
18.9	691.1	Clay Blue
20.7	689.3	Clay & Sand
24.4	685.7	Clay Blue
25.9	684.1	Sand
29.3	680.8	Clay & Sand
29.6	680.5	Gravel
32.6	677.4	Clay & Sand
39.6	670.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-27 W4M**

Well Number **01134**

Well Owner: **Yethon, Louis**

Elevation (AMSL) (m): **712**

AEP: **282081**

Drilling Contractor: *Triple A Dlg*

Licence No.:

Easting: **73,070.10**

Date Started: **22 Jul 77**

Northing: **5,917,767.50**

Date Completed: **25 Jul 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven & Welded Ring**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **53.3**  
 Perforated How: **Torch**  
 from (m): **30.5** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **50.3** Drawdown (m): **42.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.2	704.0	Sand & Coal
22.9	689.3	Till
23.8	688.4	Gravel
24.7	687.5	Till & Rocks
25.6	686.6	Gravel
25.9	686.3	Till
30.5	681.7	Shale Green
31.1	681.1	Sandstone Gray
32.9	679.3	Shale Green
33.2	679.0	Shale Brown
34.1	678.0	Shale Gray
34.8	677.4	Sandstone Soft Gray
35.0	677.1	Shale Green
35.4	676.8	Shale Brown
35.7	676.5	Shale Gray
37.2	675.0	Shale Green
39.6	672.6	Shale Sandy Gray
40.8	671.3	Shale Brown
42.4	669.8	Shale & Coal Brown
45.4	666.8	Shale Sandy Gray
46.0	666.2	Coal
48.8	663.4	Shale Green
52.1	660.1	Shale Sandy Gray
52.4	659.8	Coal
54.9	657.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-051-27 W4M**

Well Number **01135**

Well Owner: **Scabak, Bob**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **713**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **190593**  
 Easting: **72,109.77**  
 Northing: **5,919,194.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

05-29-051-27 W4M

Well Number 01136

Well Owner: **Zutz, Lyle**

Elevation (AMSL) (m): **710**

AEP: **217960**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **69,139.54**

Date Started: **17 Aug 93**

Northing: **5,918,352.00**

Date Completed: **18 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **17.4** to **18.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **21.3** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.7**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **13.7** Drawdown (m): **11.0**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	706.3	Clay Sandy Brown
7.9	702.4	Clay Gray
8.8	701.5	Gravel
11.0	699.3	Shale Green
17.7	692.6	Sandstone
19.5	690.8	Shale Green
26.5	683.8	Sandstone
28.0	682.3	Shale Green
29.3	681.0	Sandstone
30.2	680.1	Shale Green
34.8	675.6	Sandstone
36.6	673.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**13-32-051-27 W4M**

Well Number **01137**

Well Owner: **Alta Env #0875e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **718**      AEP: **240621**  
 Licence No.:      Easting: **69,495.85**  
 Date Started:      Northing: **5,920,444.00**  
 Date Completed: **02 Oct 72**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **29.0** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm):      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	716.2	Loam Silty Greenish Yellow
6.1	711.6	Silt Greenish Gray
16.8	700.9	Sand Very Fine Grained
24.1	693.6	Loam Clayey Greenish Gray
29.0	688.8	Siltstone Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

---33-051-27 W4M

Well Number 01138

Well Owner: **Parsons, K.R.**

Elevation (AMSL) (m): **710**

AEP: **156632**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **71,741.68**

Date Started:

Northing: **5,919,910.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth: **70.1** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



**NE 33-051-27 W4M**

Well Number **01139**

Well Owner: **Connolly, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163013**  
 Easting: **72,060.08**  
 Northing: **5,920,516.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 33-051-27 W4M**

Well Number **01140**

Well Owner: **Kabrall, William**

Elevation (AMSL) (m): **707**

AEP: **166863**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **71,071.45**

Date Started: **24 Nov 91**

Northing: **5,920,220.50**

Date Completed: **27 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Driven & Bentonite**  
 from (m): **3.1** to **4.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **59.4**  
 Perforated How: **Saw**  
 from (m): **51.8** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jacuzzi**  
 Model: **18 Stage** Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **33.5**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
18.3	688.7	Silt Gray
19.8	687.2	Clay Brown
25.9	681.1	Shale Green
29.3	677.7	Shale Gray
31.4	675.6	Shale Green
32.6	674.4	Sandstone
38.4	668.6	Shale Green
41.2	665.9	Shale Brown
54.9	652.1	Shale Green
59.4	647.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 33-051-27 W4M**

Well Number **01141**

Well Owner: **Preece, Edward**

Elevation (AMSL) (m): **708**

AEP: **152133**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,868.30**

Date Started: **21 Jun 90**

Northing: **5,920,299.00**

Date Completed: **22 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **32.6** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.6** Bottom (m): **73.5**  
 Perforated How: **Machine**  
 from (m): **32.6** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	700.4	Sand
14.9	693.1	Clay Blue
19.2	688.8	Shale Gray
21.3	686.7	Shale Sandy Gray
25.0	683.0	Shale Gray
30.5	677.5	Shale Sandy Gray
43.9	664.1	Shale Gray
53.6	654.4	Shale Sandy Gray
55.5	652.5	Shale Gray
59.1	648.9	Shale Sandy Gray
66.1	641.9	Shale Gray
73.2	634.9	Shale Sandy Gray
74.4	633.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 33-051-27 W4M**

Well Number **01142**

Well Owner: **Reheboth Christian Asso**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed: **27 Feb 96**  
 AEP: **280708**  
 Easting: **71,600.88**  
 Northing: **5,920,274.49**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 27 Feb 96**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **01 Dec 77**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1461</b>	SAR	Nickel
TDS <b>952.0</b>	TKN	Selenium
Sodium <b>359.95</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>8.02</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>848.65</b>	Arsenic	Total Hardness <b>28.00</b>
Aluminum	Barium	Manganese
Sulphate <b>157.06</b>	Beryllium	Phosphate
Chloride <b>4.96</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride <b>0.35</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>697.0</b>
Silica <b>10.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NH 33-051-27 W4M**

Well Number **01143**

Well Owner: **Reheboth Christian Assoc**

Elevation (AMSL) (m): **707**

AEP: **280683**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **71,700.79**

Date Started: **22 Feb 96**

Northing: **5,920,172.00**

Date Completed: **24 Feb 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **27.4** to **30.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **39.6** to **48.8** Size:  
 from (m): **57.9** to **59.4** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05422** Intake (m): **30.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.1	701.2	Sand & Coal Clayey
15.2	692.1	Clay Soft Gray
16.8	690.6	Coal
18.3	689.0	Shale Green
22.9	684.5	Sandstone & Coal
23.8	683.6	Shale Soft Gray
25.3	682.0	Sandstone
27.4	679.9	Shale Green
28.7	678.7	Sandstone
32.0	675.3	Shale Green
36.0	671.4	Shale & Coal Soft Gray
38.1	669.2	Shale Green
39.6	667.7	Sandstone Dirty
46.9	660.4	Sandstone
50.9	656.4	Shale Gray
57.0	650.3	Shale Green
57.9	649.4	Shale Gray
59.4	647.9	Sandstone & Coal
61.0	646.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-051-27 W4M**

Well Number **01144**

Well Owner: **Wetherell, H.J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **263475**  
 Easting: **72,221.45**  
 Northing: **5,919,651.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Jan 68**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>544.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>77.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>147.83</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>116.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 33-051-27 W4M**

Well Number **01145**

Well Owner: **Hawryluk, Wally**

Elevation (AMSL) (m): **709**

AEP: **227866**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,860.59**

Date Started: **11 Aug 93**

Northing: **5,919,599.00**

Date Completed: **11 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **29.9**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **28.7** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **28.7** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **6.1** Drawdown (m): **4.9**  
 Rec'd intake (m): **6.1** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	707.3	Clay Yellow
8.5	700.3	Sand & Coal Coarse Grained
29.6	679.3	Clay Soft Blue
30.8	678.0	Shale Green
31.1	677.7	Shale Gray
32.6	676.2	Shale Sandy Gray
39.6	669.2	Shale Green
44.8	664.0	Shale Sandy Gray
45.4	663.4	Shale Gray
48.2	660.7	Shale Sandy Gray
50.3	658.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-34-051-27 W4M

Well Number 01146

Well Owner: **Can Gulf Oil Co Hole #2**

Elevation (AMSL) (m): **710**

AEP: **264470**

Licence No.:

Easting: **72,641.53**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,919,300.07**

Date Completed: **08 May 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **306.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



05-34-051-27 W4M

Well Number 01147

Well Owner: **Can Gulf Oil Co Hole #4**

Elevation (AMSL) (m): 711

AEP: 264472

Licence No.:

Easting: 72,619.81

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: 5,919,687.02

Date Completed: 11 May 52

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **305.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

07-34-051-27 W4M

Well Number 01148

Well Owner: **Can Gulf Oil Co Hole #5**

Elevation (AMSL) (m): **708**

AEP: **264469**

Licence No.:

Easting: **73,460.22**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,919,720.83**

Date Completed: **13 May 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **299.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

10-35-051-27 W4M

Well Number 01149

Well Owner: **Can Gulf Oil Co Hole #10**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed: **20 May 52**  
 AEP: **264480**  
 Easting: **75,085.36**  
 Northing: **5,920,135.84**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **301.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

05-35-051-27 W4M

Well Number 01150

Well Owner: **Can Gulf Oil Co Hole #3**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed: **09 May 52**  
 AEP: **264478**  
 Easting: **74,259.83**  
 Northing: **5,919,709.80**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **292.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

04-35-051-27 W4M

Well Number 01151

Well Owner: **Can Gulg Oil Co Hole #1**

Elevation (AMSL) (m): **705**

AEP: **264475**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **74,281.08**

Date Started:

Northing: **5,919,331.33**

Date Completed: **07 May 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth: **304.2** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 35-051-27 W4M**

Well Number **01152**

Well Owner: **Nagy, Joe**

Elevation (AMSL) (m): **705**

AEP: **241112**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **75,531.41**

Date Started: **09 Jun 94**

Northing: **5,920,500.50**

Date Completed: **10 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **87.8** (m)  
 NPWL (m): **38.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **49.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **60.4** to **87.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **85.3**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **78.6** Drawdown (m): **39.9**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

21.6	683.4	Sand Silty Yellow
22.9	682.1	Sand & Coal
24.1	680.9	Clay Blue
25.3	679.7	Sand & Coal
32.9	672.1	Clay Blue
34.8	670.3	Sand
39.0	666.0	Clay Blue
44.8	660.2	Shale Gray
50.0	655.0	Shale Green
58.8	646.2	Shale Gray
59.1	645.9	Shale & Coal Brown
60.4	644.7	Shale Gray
61.3	643.7	Shale & Coal Brown
70.7	634.3	Shale Gray
72.8	632.2	Sandstone
75.0	630.0	Shale Green
78.9	626.1	Sandstone
83.2	621.8	Shale Green
84.7	620.3	Sandstone
85.0	620.0	Coal
87.8	617.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-27 W4M**

Well Number **01153**

Well Owner: **Bit, Victor**

Elevation (AMSL) (m): **711**

AEP: **158932**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,419.62**

Date Started: **06 May 91**

Northing: **5,919,788.50**

Date Completed: **08 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **46.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.3** Bottom (m): **93.6**  
 Perforated How: **Machine**  
 from (m): **43.3** to **93.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **57.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	703.5	Sand
8.2	702.3	Clay Yellow
27.4	683.1	Clay Blue
38.4	672.1	Clay & Rocks Hard Blue
41.8	668.7	Clay & Gravel Sandy Yellow
42.4	668.1	Clay Blue
45.7	664.8	Shale Gray
54.9	655.6	Shale Sandy Gray
57.6	652.9	Shale Green
58.5	652.0	Coal
63.1	647.4	Shale Gray
66.8	643.8	Shale & Coal Brown
74.7	635.8	Shale Green
82.3	628.2	Shale Sandy Gray
83.5	627.0	Shale Green
85.3	625.2	Shale Sandy Gray
88.7	621.8	Shale Green
94.2	616.3	Shale Sandy Gray
94.5	616.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-27 W4M**

Well Number **01154**

Well Owner: **Leder, John**

Elevation (AMSL) (m): **711**

AEP: **206125**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,419.62**

Date Started: **09 Feb 94**

Northing: **5,919,788.50**

Date Completed: **14 Feb 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **51.5** Bottom (m): **87.2**  
 Perforated How: **Saw**  
 from (m): **54.0** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi 7s4518p** Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **47.9**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **9.1**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
16.1	694.4	Sand
18.3	692.2	Clay Yellow
32.6	677.9	Clay Blue
34.4	676.1	Sand & Coal
42.1	668.4	Claystone Blue
43.3	667.2	Clay & Gravel
44.2	666.3	Clay Blue
46.6	663.9	Clay & Sand
47.6	663.0	Clay Soft Blue
52.4	658.1	Shale Brittle Green
55.8	654.7	Shale Gray
57.9	652.6	Sandstone
65.5	645.0	Shale Gray
67.4	643.1	Coal
70.4	640.1	Shale Gray
73.5	637.1	Shale & Coal Brown
81.1	629.4	Shale Gray
85.3	625.2	Shale Sandy Gray
88.1	622.4	Shale Brittle

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 36-051-27 W4M**

Well Number **01155**

Well Owner: **Barnes, Albert**

Elevation (AMSL) (m): **703**

AEP: **164389**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,171.73**

Date Started: **19 Mar 92**

Northing: **5,920,357.50**

Date Completed: **19 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **27.4** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **22.3** to **23.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **9.1**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **7.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	696.9			Clay Silty Yellow
19.8	683.2			Clay Blue
23.8	679.2			Sand & Coal Gravelly
27.1	675.9			Clay & Rocks Blue
27.4	675.6			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-01-052-26 W4M

Well Number 01183

Well Owner: **Can Gulf Oil Co Hole #34**

Elevation (AMSL) (m): **693**

AEP: **264569**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,656.68**

Date Started:

Northing: **5,921,179.86**

Date Completed: **03 Oct 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth: **274.9** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

01-01-052-26 W4M

Well Number 01184

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **687**

AEP: **280392**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **86,882.95**

Date Started:

Northing: **5,921,202.12**

Date Completed: **23 Apr 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **214.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

01-01-052-26 W4M

Well Number 01185

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **687**

AEP: **280472**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **86,882.95**

Date Started:

Northing: **5,921,202.12**

Date Completed: **10 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **231.6** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

01-01-052-26 W4M

Well Number 01186

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **687**

AEP: **280492**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **86,882.95**

Date Started:

Northing: **5,921,202.12**

Date Completed: **10 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **234.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 01-052-26 W4M**

Well Number **01187**

Well Owner: **Morin, Kathy**

Elevation (AMSL) (m): **690**

AEP: **154851**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **85,743.14**

Date Started: **19 Jul 90**

Northing: **5,921,512.00**

Date Completed: **20 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **41.5** to **43.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **21.3** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	681.1	Sand Silty Brown
21.9	668.3	Clay Blue
27.4	662.8	Clay Silty Brown
32.0	658.2	Clay Blue
38.7	651.5	Silt Blue
45.7	644.5	Sand & Gravel See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

01-02-052-26 W4M

Well Number 01188

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **694**

AEP: **280692**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,248.79**

Date Started:

Northing: **5,921,172.47**

Date Completed: **23 Apr 51**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **214.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-02-052-26 W4M

Well Number 01189

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **697**

AEP: **280466**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,025.01**

Date Started:

Northing: **5,921,150.22**

Date Completed: **20 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **225.5** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



13-03-052-26 W4M

Well Number 01190

Well Owner: **Can Gulf Oil Co Hole #14w**

Elevation (AMSL) (m): **703**

AEP: **264571**

Licence No.:

Easting: **82,372.60**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,922,325.56**

Date Completed: **04 Jul 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **244.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-03-052-26 W4M

Well Number 01191

Well Owner: **Can Gulf Oil Co Hole #32**

Elevation (AMSL) (m): **698**

AEP: **264576**

Licence No.:

Easting: **83,595.84**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,922,346.97**

Date Completed: **01 Oct 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **272.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 03-052-26 W4M**

Well Number **01192**

Well Owner: **Gordon, Rita**

Elevation (AMSL) (m): **702**

AEP: **154850**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **82,999.76**

Date Started: **30 Jun 90**

Northing: **5,921,233.00**

Date Completed: **02 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **59.1** to **60.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **56.4**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **51.8** Drawdown (m): **43.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
1.5	700.4	Clay Sandy Yellow
8.5	693.4	Sand
9.4	692.5	Clay Yellow
14.6	687.3	Clay Blue
18.3	683.7	Sand Fine Grained
26.5	675.4	Clay Blue
28.7	673.3	Shale & Coal Brown
36.0	666.0	Clay Blue
36.6	665.4	Clay Brown
39.6	662.3	Sand & Coal
40.2	661.7	Clay Blue
52.7	649.2	Clay Brown
56.4	645.6	Shale Green
60.4	641.6	Sand & Coal
64.0	638.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-052-26 W4M**

Well Number **01193**

Well Owner: **Enoch Indian Reserve**

Elevation (AMSL) (m): **698**

AEP: **157628**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **82,371.74**

Date Started: **16 Mar 91**

Northing: **5,921,226.50**

Date Completed: **16 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **33.5** to **35.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

12.2 686.1 Sand See Comments  
 24.4 673.9 Clay Blue  
 27.4 670.8 Silt Blue  
 35.0 663.2 Gravel Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

13-04-052-26 W4M

Well Number 01194

Well Owner: **Can Gulf Oil Co Hole #17w**

Elevation (AMSL) (m): **703**

AEP: **264579**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,741.45**

Date Started:

Northing: **5,922,296.11**

Date Completed: **08 Jul 52**

**General:**

Type of Work: **Core Hole**

Drilling Method: **Rotary**

Well Use: **Investigation**

Completed Depth **240.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

01-04-052-26 W4M

Well Number 01195

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **701**

AEP: **280467**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,985.68**

Date Started:

Northing: **5,921,114.32**

Date Completed: **18 Apr 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **224.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---04-052-26 W4M

Well Number 01196

Well Owner: **Unknown**

Elevation (AMSL) (m): **703**

AEP: **280489**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,362.81**

Date Started:

Northing: **5,921,705.18**

Date Completed: **06 Jul 51**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth **244.4** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 06-052-26 W4M**

Well Number **01197**

Well Owner: **Thind, Autar**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **707**      AEP: **152134**  
 Licence No.:      Easting: **77,364.98**  
 Date Started: **08 Mar 90**      Northing: **5,922,330.50**  
 Date Completed: **10 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **6.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.1**      Bottom (m): **38.1**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **27.4**      to  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.4**  
 from (m): **36.6**      to **38.1**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model:      Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **59.3**      Time (minute): **120.0**  
 Level End (m): **23.8**      Drawdown (m): **17.4**  
 Rec'd intake (m): **33.2**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	701.5	Clay Sandy
25.6	681.4	Clay Blue
27.7	679.3	Clay Sandy
39.6	667.4	Sand
45.7	661.3	Clay Sandy
49.1	657.9	Clay
62.2	644.8	Shale & Coal
91.4	615.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 06-052-26 W4M**

Well Number **01198**

Well Owner: **Elbrey, Robert**

Elevation (AMSL) (m): **704**

AEP: **152388**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,614.68**

Date Started: **22 May 90**

Northing: **5,921,281.00**

Date Completed: **23 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.0** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **51.5** to **53.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	696.6			Clay Sandy Yellow
41.5	662.4			Clay Blue
53.3	650.6			Sand
56.7	647.2			Clay Blue
57.0	646.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-052-26 W4M**

Well Number **01199**

Well Owner: **Ostrosser, Jeff**

Elevation (AMSL) (m): **708**

AEP: **238057**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **77,612.01**

Date Started: **15 May 93**

Northing: **5,921,686.50**

Date Completed: **15 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **44.2** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **12.2** to **19.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **30.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	704.5	Sand Silty
27.4	680.7	Clay Blue
44.2	663.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**04-07-052-26 W4M**

Well Number **01200**

Well Owner: **Alta Env #0869e**

Elevation (AMSL) (m): **707**

AEP: **240656**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **77,354.47**

Date Started:

Northing: **5,922,678.50**

Date Completed: **23 Sep 72**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **51.8** (m)  
 NPWL (m): \_\_\_\_\_ Verified NPWL (m): \_\_\_\_\_  
 Abandonment: **Unknown**

**Casing:**  
 Type: \_\_\_\_\_  
 Depth (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Seal Type: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Liner:**  
 Type: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Top (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 Perforated How: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Screen:**  
 Material: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Open Hole:**  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Pump:**  
 Model: \_\_\_\_\_ Intake (m): \_\_\_\_\_

**Testing:**  
 Rate (lpm): \_\_\_\_\_ Time (minute): \_\_\_\_\_  
 Level End (m): \_\_\_\_\_ Drawdown (m): \_\_\_\_\_  
 Rec'd intake (m): \_\_\_\_\_ Rec'd Rate (lpm): \_\_\_\_\_

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	706.4	Loam
4.6	702.4	Clay & Silt Loamy Yellow
19.8	687.2	Silt Greenish Gray
25.9	681.1	Sand & Silt Very Fine Grained
29.0	678.1	Gravel Glacial
38.1	668.9	Sand Clayey
42.7	664.3	Sand Clayey Green
51.8	655.2	Sandstone Soft Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: \_\_\_\_\_ m<sup>2</sup>/day  
 Gamma Log: **No** Storativity: \_\_\_\_\_  
 Aquifer Test: **No**  
 Project: \_\_\_\_\_ Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-052-26 W4M**

Well Number **01201**

Well Owner: **Lewis Farms**

Elevation (AMSL) (m): **707**

AEP: **150897**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **78,790.38**

Date Started: **28 Mar 90**

Northing: **5,923,990.00**

Date Completed: **31 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **43.6** to

**Liner:**

Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **88.4**  
 Perforated How: **Machine**  
 from (m): **57.9** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **85.3** Drawdown (m): **80.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	696.0	Clay	Brown	
11.6	695.4	Sand		
32.0	675.0	Clay	Gray	
41.8	665.2	Coal	Clayey	
51.8	655.1	Shale	Green	
54.9	652.1	Sandstone	Bentonitic	
70.1	636.9	Shale	Gray	
73.2	633.8	Sandstone		
76.2	630.8	Shale	Gray	
88.4	618.6	Sandstone		
91.4	615.5	Shale		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

15-08-052-26 W4M

Well Number 01202

Well Owner: **Can Gulf Oil Co Hole #10w**

Elevation (AMSL) (m): **709**

AEP: **264591**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **79,884.38**

Date Started:

Northing: **5,923,869.89**

Date Completed: **01 Jul 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **242.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

09-08-052-26 W4M

Well Number 01203

Well Owner: **Can Gulf Oil Co Hole #21w**

Elevation (AMSL) (m): **706**

AEP: **264587**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,328.80**

Date Started:

Northing: **5,923,508.79**

Date Completed: **04 Aug 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **253.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

11-08-052-26 W4M

Well Number 01204

Well Owner: **Can Gulf Oil Co Hole #4**

Elevation (AMSL) (m): **706**

AEP: **264585**

Licence No.:

Easting: **79,498.57**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,923,477.97**

Date Completed: **03 Jun 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **245.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-08-052-26 W4M

Well Number 01205

Well Owner: **Can Gulf Oil Co Hole #9w**

Elevation (AMSL) (m): **706**

AEP: **264583**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,303.62**

Date Started:

Northing: **5,923,105.97**

Date Completed: **01 Jul 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth: **244.4** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



15-08-052-26 W4M

Well Number 01206

Well Owner: **Lees, Carol (Enoch Band)**

Elevation (AMSL) (m): **711**

AEP: **166865**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **80,282.77**

Date Started: **27 Mar 92**

Northing: **5,924,239.50**

Date Completed: **27 Mar 92**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **27.4** (m)  
NPWL (m): **7.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **27.4** Bottom (m): **27.4**  
OD (mm): **127.0** Thickness (mm): **0.1**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): **6.1** to **7.6**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **25.9** to **27.4** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.9**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
Level End (m): **25.9** Drawdown (m): **18.0**  
Rec'd intake (m): **22.9** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.2	698.8	Clay Brown
18.3	692.7	Sand Silty
27.4	683.6	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

16-09-052-26 W4M

Well Number 01207

Well Owner: **Can Gulf Oil Co Hole #13w**

Elevation (AMSL) (m): **709**

AEP: **264609**

Licence No.:

Easting: **81,936.87**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,923,923.57**

Date Completed: **04 Jul 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **246.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

14-09-052-26 W4M

Well Number 01208

Well Owner: **Can Gulf Oil Co Hole #15w**

Elevation (AMSL) (m): **708**

AEP: **264605**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,105.94**

Date Started:

Northing: **5,923,923.00**

Date Completed: **06 Jul 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **243.2** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

07-09-052-26 W4M

Well Number 01209

Well Owner: **Can Gulf Oil Co Hole #16w**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed: **06 Jul 52**  
 AEP: **264597**  
 Easting: **81,543.64**  
 Northing: **5,923,113.39**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **242.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-09-052-26 W4M

Well Number 01210

Well Owner: **Can Gulf Oil Co Hole #23w**

Elevation (AMSL) (m): **707**

AEP: **264600**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,714.95**

Date Started:

Northing: **5,923,901.04**

Date Completed: **05 Aug 52**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **238.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:    Intake (m):

**Testing:**  
 Rate (lpm):                                      Time (minute):  
 Level End (m):                                      Drawdown (m):  
 Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

15-09-052-26 W4M

Well Number 01211

Well Owner: **Poppin, Jenny (Enoch Band)**

Elevation (AMSL) (m): **707**

AEP: **166866**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **81,880.93**

Date Started: **25 Feb 92**

Northing: **5,923,711.00**

Date Completed: **25 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **21.3** Drawdown (m): **15.9**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	701.2	Sand Brown
9.8	697.6	Clay Brown
15.2	692.1	Clay Blue
20.7	686.6	Silt Blue
25.9	681.4	Sand & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

---09-052-26 W4M

Well Number 01212

Well Owner: **Unknown**

Elevation (AMSL) (m): **706**

AEP: **280488**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,335.67**

Date Started:

Northing: **5,923,310.50**

Date Completed: **05 Jul 52**

**General:**

Type of Work: **Core Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **244.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**SE 09-052-26 W4M**

Well Number **01213**

Well Owner: **Martin, Jim**

Elevation (AMSL) (m): **705**

AEP: **152314**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **81,750.82**

Date Started: **04 Dec 89**

Northing: **5,922,916.47**

Date Completed: **06 Dec 89**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **0.9** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	695.9	Sand Clayey
22.9	682.2	Coal Sandy
32.0	673.1	Clay Sandy
36.6	668.5	Till
45.7	659.3	Shale Green
47.9	657.2	Shale Brown
48.8	656.3	Sandstone
51.8	653.3	Shale Gray
53.3	651.7	Sandstone
56.4	648.7	Shale & Coal Brown
57.9	647.2	Shale Gray
61.0	644.1	Shale & Sandstone Gray
76.2	628.9	Shale Green
85.3	619.7	Shale Gray
91.4	613.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**SW 09-052-26 W4M**

Well Number **01214**

Well Owner: **Peacock, Howard**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156706**  
 Easting: **80,582.21**  
 Northing: **5,923,038.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **73.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

05-10-052-26 W4M

Well Number 01215

Well Owner: **Can Gulf Oil Co Hole #1**

Elevation (AMSL) (m): **705**

AEP: **264611**

Licence No.:

Easting: **82,343.88**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,923,111.61**

Date Completed: **18 Aug 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **293.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 10-052-26 W4M**

Well Number **01216**

Well Owner: **Enoch Band**

Elevation (AMSL) (m): **711**

AEP: **156981**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **83,653.89**

Date Started: **23 Feb 91**

Northing: **5,924,304.50**

Date Completed: **23 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.7** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.9**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **22.9** Drawdown (m): **17.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	707.5	Sand Silty Brown
5.5	705.7	Clay Brown
23.2	688.0	Clay Blue
31.7	679.5	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 10-052-26 W4M**

Well Number **01217**

Well Owner: **Peacock, L(Enoch Band)**

Elevation (AMSL) (m): **710**

AEP: **166867**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **82,384.87**

Date Started: **11 Jun 92**

Northing: **5,924,097.00**

Date Completed: **11 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **9.1** to **12.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **22.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
18.3	691.5	Silt Brown
27.4	682.3	Clay Blue
44.2	665.6	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-11-052-26 W4M

Well Number **01218**

Well Owner: **Can Gulf Oil Co Hole #20**

Elevation (AMSL) (m): **709**

AEP: **264623**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,975.24**

Date Started:

Northing: **5,923,959.45**

Date Completed: **13 Sep 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **243.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-11-052-26 W4M

Well Number 01219

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **709**

AEP: **280474**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,975.24**

Date Started:

Northing: **5,923,959.45**

Date Completed: **08 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **195.7** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

01-11-052-26 W4M

Well Number 01220

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **699**

AEP: **280493**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,219.88**

Date Started:

Northing: **5,922,777.29**

Date Completed: **01 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **214.6** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

01-11-052-26 W4M

Well Number 01221

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **699**

AEP: **280473**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,219.88**

Date Started:

Northing: **5,922,777.29**

Date Completed: **01 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **214.6** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



16-11-052-26 W4M

Well Number 01222

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **706**

AEP: **280495**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,198.07**

Date Started:

Northing: **5,923,981.24**

Date Completed: **01 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **243.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

16-11-052-26 W4M

Well Number 01223

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **706**

AEP: **280476**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,198.07**

Date Started:

Northing: **5,923,981.24**

Date Completed: **01 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **243.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-11-052-26 W4M

Well Number 01224

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **709**

AEP: **280494**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,975.24**

Date Started:

Northing: **5,923,959.45**

Date Completed: **08 Apr 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **256.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 11-052-26 W4M**

Well Number **01225**

Well Owner: **Enoch Reserve**

Elevation (AMSL) (m): **709**

AEP: **159485**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **85,288.89**

Date Started: **20 Jul 91**

Northing: **5,923,970.50**

Date Completed: **24 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **54.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.3** Bottom (m): **106.7**  
 Perforated How: **Machine**  
 from (m): **61.0** to **106.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **103.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **68.6** Drawdown (m): **47.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	699.4			Silt Brown
27.4	681.1			Clay Blue
36.6	672.0			Sand Silty Blue
41.2	667.4			Shale
42.7	665.9			Sandstone
59.4	649.1			Shale Green
64.0	644.6			Shale Blue
68.6	640.0			Sandstone
82.3	626.3			Shale Gray
86.9	621.7			Sandstone
96.0	612.6			Shale Gray
100.6	608.0			Shale Green
103.6	604.9			Sandstone
106.7	601.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 11-052-26 W4M**

Well Number **01226**

Well Owner: **Enoch Indian Reserve**

Elevation (AMSL) (m): **706**

AEP: **157629**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **85,293.23**

Date Started: **29 Mar 91**

Northing: **5,923,287.00**

Date Completed: **29 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.0**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **32.0** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
18.3	687.6	Sand See Comments
27.4	678.4	Silt Blue
33.5	672.3	Silt See Comments
39.6	666.3	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

08-12-052-26 W4M

Well Number 01227

Well Owner: **Thomas, Albert (Enoch Band)**

Elevation (AMSL) (m): **705**

AEP: **166868**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **86,937.88**

Date Started: **27 Feb 92**

Northing: **5,923,420.50**

Date Completed: **27 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **50.3**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **50.3** Drawdown (m): **13.7**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	696.1	Sand Brown
18.9	686.3	Clay Blue
42.7	662.6	Silt Brown
50.3	655.0	Clay Blue
57.9	647.3	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-12-052-26 W4M

Well Number 01228

Well Owner: **Ward, Buddal(Enoch Band)**

Elevation (AMSL) (m): **695**

AEP: **166869**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **86,376.55**

Date Started: **02 Apr 92**

Northing: **5,922,949.50**

Date Completed: **02 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	686.1	Clay Brown
21.9	673.3	Sand Silty Brown
29.9	665.3	Clay Brown
38.1	657.1	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**13-13-052-26 W4M**

Well Number **01229**

Well Owner: **Can Gulf Oil Co Hole #11**

Elevation (AMSL) (m): **709**

AEP: **264629**

Licence No.:

Easting: **85,575.40**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,925,611.76**

Date Completed: **01 Sep 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **243.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



04-13-052-26 W4M

Well Number 01230

Well Owner: **Can Gulf Oil Co Hole #21**

Elevation (AMSL) (m): 711

AEP: 264626

Licence No.:

Easting: 85,598.15

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: 5,924,392.42

Date Completed: 14 Sep 50

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **249.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

11-13-052-26 W4M

Well Number 01231

Well Owner: **Can Gulf Oil Co Hole #31**

Elevation (AMSL) (m): **723**

AEP: **264628**

Licence No.:

Easting: **85,990.36**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,925,212.84**

Date Completed: **28 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **268.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-13-052-26 W4M

Well Number 01232

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **709**

AEP: **280477**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,575.40**

Date Started:

Northing: **5,925,611.76**

Date Completed: **06 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **244.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NW 13-052-26 W4M**

Well Number **01233**

Well Owner: **Enoch Band**

Elevation (AMSL) (m): **714**

AEP: **153283**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **85,356.76**

Date Started: **02 Oct 90**

Northing: **5,925,244.50**

Date Completed: **02 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **38.7** to **40.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **240.0**  
 Level End (m): **31.4** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	704.6	Sand Silty Brown
17.4	696.4	Clay Brown
22.9	690.9	Clay Blue
27.4	686.3	Silt Blue
40.2	673.5	Sand & Gravel
41.2	672.6	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-14-052-26 W4M

Well Number 01234

Well Owner: **Can Gulf Oil Co Hole #12**

Elevation (AMSL) (m): **703**

AEP: **264631**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,945.47**

Date Started:

Northing: **5,925,582.62**

Date Completed: **03 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **262.1** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---14-052-26 W4M

Well Number 01235

Well Owner: **Can Gulf Oil Co Hole #30**

Elevation (AMSL) (m): **704**

AEP: **264633**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,567.86**

Date Started:

Northing: **5,924,983.85**

Date Completed: **27 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **249.3** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 14-052-26 W4M**

Well Number **01236**

Well Owner: **Enoch Indian Resve/Henry Ward**  
 Drilling Contractor: *Summers, David Drilling*

Elevation (AMSL) (m): **709**      AEP: **157630**  
 Licence No.:                      Easting: **85,197.45**  
 Date Started: **15 Mar 91**      Northing: **5,925,480.00**  
 Date Completed: **16 Mar 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6**      Bottom (m): **36.6**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m):              to **18.3**  
**Liner:**  
 Type:  
 OD (mm):              Thickness (mm):  
 Top (m):              Bottom (m):  
 Perforated How:  
 from (m):              to              Size:  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **35.0**      to **36.6**      Size: **0.01**  
 from (m):              to              Size:  
**Open Hole:**  
 from (m):              to  
**Pump:**  
 Model:                      Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **36.5**              Time (minute): **180.0**  
 Level End (m): **30.5**              Drawdown (m): **18.3**  
 Rec'd intake (m):              Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
24.4	684.7	Silt Sandy
30.5	678.6	Clay Blue
36.3	672.8	Sand & Gravel
36.6	672.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:              m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

05-15-052-26 W4M

Well Number 01237

Well Owner: **Can Gulf Oil Co Hole #2**

Elevation (AMSL) (m): **713**

AEP: **264635**

Licence No.:

Easting: **82,315.45**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,924,724.57**

Date Completed: **19 Aug 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **260.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**16-15-052-26 W4M**

Well Number **01238**

Well Owner: **Can Gulf Oil Co Hole #26**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed: **25 Sep 50**  
 AEP: **264636**  
 Easting: **83,537.84**  
 Northing: **5,925,575.42**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **260.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---15-052-26 W4M

Well Number 01239

Well Owner: **Can Gulf Oil Co Hole #29**

Elevation (AMSL) (m): **705**

AEP: **264639**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,937.60**

Date Started:

Northing: **5,924,955.06**

Date Completed: **27 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth: **248.7** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

02-16-052-26 W4M

Well Number 01240

Well Owner: **Can Gulf Oil Co Hole #11w**

Elevation (AMSL) (m): **709**

AEP: **264640**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,539.47**

Date Started:

Northing: **5,924,305.47**

Date Completed: **03 Jul 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **243.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

03-16-052-26 W4M

Well Number 01241

Well Owner: **Can Gulf Oil Co Hole #18w**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed: **18 Jul 52**  
 AEP: **264679**  
 Easting: **81,130.15**  
 Northing: **5,924,328.38**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **244.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

14-16-052-26 W4M

Well Number 01242

Well Owner: **Can Gulf Oil Co Hole #19w**

Elevation (AMSL) (m): **713**

AEP: **264693**

Licence No.:

Easting: **81,077.87**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,925,546.22**

Date Completed: **04 Aug 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **252.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

06-16-052-26 W4M

Well Number 01243

Well Owner: **Can Gulf Oil Co Hole #3w**

Elevation (AMSL) (m): **709**

AEP: **264686**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,108.25**

Date Started:

Northing: **5,924,718.11**

Date Completed: **02 Jun 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **231.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

13-16-052-26 W4M

Well Number 01244

Well Owner: **Can Gulg Oil Co Hole #22w**

Elevation (AMSL) (m): **713**

AEP: **264690**

Licence No.:

Easting: **80,687.22**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,925,524.27**

Date Completed: **05 Aug 52**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **240.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

01-16-052-26 W4M

Well Number 01245

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **709**

AEP: **280465**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,930.11**

Date Started:

Northing: **5,924,327.41**

Date Completed: **17 Apr 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **204.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



09-17-052-26 W4M

Well Number 01246

Well Owner: **Can Gulf Oil Co Hole #1w**

Elevation (AMSL) (m): **710**

AEP: **264697**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,301.63**

Date Started:

Northing: **5,925,126.92**

Date Completed: **31 May 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **231.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

11-17-052-26 W4M

Well Number 01247

Well Owner: **Can Gulf Oil Co Hole #2w**

Elevation (AMSL) (m): **709**

AEP: **264702**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **79,472.39**

Date Started:

Northing: **5,925,094.71**

Date Completed: **01 Jun 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **235.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

14-17-052-26 W4M

Well Number 01248

Well Owner: **Cardinal, Bob**

Elevation (AMSL) (m): **710**

AEP: **156978**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **79,517.45**

Date Started: **14 Aug 90**

Northing: **5,925,683.50**

Date Completed: **14 Aug 90**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **29.0** (m)  
NPWL (m): **6.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **29.0** Bottom (m): **29.0**  
OD (mm): **127.0** Thickness (mm): **0.1**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): to **21.3**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.5**  
from (m): **27.4** to **29.0** Size: **0.02**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
Level End (m): **18.3** Drawdown (m): **12.2**  
Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	705.4	Clay Sandy
12.2	697.8	Clay Blue
19.8	690.2	Clay Yellow
29.0	681.1	Sand & Coal See Comments

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-17-052-26 W4M

Well Number 01249

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): 711

AEP: 280386

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 80,300.70

Date Started:

Northing: 5,924,297.30

Date Completed: 17 Apr 51

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **219.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: 1.000H  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

---17-052-26 W4M

Well Number 01250

Well Owner: **Unknown**

Elevation (AMSL) (m): **709**

AEP: **280490**

Licence No.:

Easting: **79,678.66**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,924,896.32**

Date Completed: **06 Aug 52**

**General:**

Type of Work: **Core Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **240.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**01-18-052-26 W4M**

Well Number **01251**

Well Owner: **Alta Env #0868e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed: **23 Sep 72**  
 AEP: **240657**  
 Easting: **78,644.45**  
 Northing: **5,924,500.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	706.5	Loam Silty
4.6	703.4	Silt Yellow
10.7	697.3	Silt Light Green
15.2	692.8	Silt Greenish Gray
25.9	682.1	Silt & Sandstone Light Green
28.0	680.0	Gravel
30.5	677.5	Clay Light Green
33.5	674.5	Sand Clayey
38.1	669.9	Clay Light Green
42.7	665.3	Shale & Siltstone Carbonaceous

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-052-26 W4M**

Well Number **01252**

Well Owner: **Bagheri, John**

Elevation (AMSL) (m): **709**

AEP: **150965**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,538.88**

Date Started: **05 Mar 90**

Northing: **5,925,127.00**

Date Completed: **08 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **46.9** to

**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): **46.9** Bottom (m): **95.1**  
 Perforated How:  
 from (m): **46.9** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **68.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	701.9	Clay Yellow
31.7	677.2	Clay Blue
32.3	676.6	Coal
36.6	672.4	Clay Blue
38.7	670.2	Coal Sandy
46.9	662.0	Clay Blue
47.9	661.1	Shale Gray
48.2	660.8	Coal
50.6	658.3	Shale Gray
50.9	658.0	Coal
54.6	654.4	Shale Sandy Gray
55.2	653.8	Shale & Coal Brown
56.4	652.5	Shale Gray
61.9	647.1	Shale Sandy Gray
65.2	643.7	Shale Gray
68.0	641.0	Shale Sandy Gray
70.1	638.8	Shale Gray
74.7	634.3	Shale Sandy Gray
78.6	630.3	Shale Gray
85.3	623.6	Shale Sandy Gray
92.7	616.3	Shale Gray
95.7	613.2	Shale Sandy Gray
96.0	612.9	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-052-26 W4M**

Well Number **01253**

Well Owner: **Bagheri, John**

Elevation (AMSL) (m): **710**

AEP: **150224**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,636.04**

Date Started: **28 Feb 90**

Northing: **5,925,263.95**

Date Completed: **05 Mar 90**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **115.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	704.1			Clay Yellow
46.9	663.3			Clay Blue
47.6	662.7			Shale Sandy Gray
49.1	661.2			Shale Gray
50.3	660.0			Shale Soft Brown
55.5	654.8			Shale Sandy Gray
56.7	653.6			Shale & Coal Brown
98.8	611.5			Shale Sandy Gray
100.6	609.7			Sandstone
103.0	607.2			Shale Gray
106.4	603.9			Shale Sandy Gray
106.7	603.6			Coal
107.6	602.7			Shale Brown
115.2	595.0			Shale Sandy Gray
115.5	594.7			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NW 18-052-26 W4M**

Well Number **01254**

Well Owner: **Pietruch, A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156707**  
 Easting: **77,439.14**  
 Northing: **5,925,222.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 18-052-26 W4M**

Well Number **01255**

Well Owner: **Lesoway, Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163029**  
 Easting: **77,719.88**  
 Northing: **5,924,977.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 20-052-26 W4M**

Well Number **01256**

Well Owner: **Morin, Leona**

Elevation (AMSL) (m): **712**

AEP: **154849**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **78,946.82**

Date Started: **24 Jul 90**

Northing: **5,927,254.00**

Date Completed: **24 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.3** to **37.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **29.0** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	702.9	Sand Silty Brown
21.3	690.7	Clay Blue
22.9	689.1	Clay Brown
29.0	683.1	Silt Blue
39.6	672.4	Sand & Gravel See Comments
41.2	670.9	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-052-26 W4M**

Well Number **01257**

Well Owner: **Kachuk, Nick**

Elevation (AMSL) (m): **711**

AEP: **160269**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **80,112.20**

Date Started: **12 Aug 91**

Northing: **5,926,048.50**

Date Completed: **12 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **40.5** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **37.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **37.2** to **40.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	707.3	Clay Brown
12.2	698.8	Clay Blue
13.4	697.6	Sand Fine Grained Gray
33.5	677.5	Clay Blue
34.1	676.9	Coal
40.2	670.8	Sand Coarse Grained Gray
40.5	670.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-21-052-26 W4M

Well Number 01258

Well Owner: **Can Gulf Oil Co Hole #12w**

Elevation (AMSL) (m): **710**

AEP: **264756**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **81,080.49**

Date Started:

Northing: **5,926,336.03**

Date Completed: **03 Jul 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **252.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

03-21-052-26 W4M

Well Number 01259

Well Owner: **Can Gulf Oil Co Hole #20w**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed: **03 Aug 52**  
 AEP: **264705**  
 Easting: **81,102.09**  
 Northing: **5,925,951.55**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **249.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

04-21-052-26 W4M

Well Number 01260

Well Owner: **Can Gulf Oil Co Hole #6w**

Elevation (AMSL) (m): 711

AEP: 264709

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 80,680.21

Date Started:

Northing: 5,925,927.84

Date Completed: 28 Jun 52

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **252.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: 1.000H  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-21-052-26 W4M

Well Number 01261

Well Owner: **Can Gulf Oil Co Hole #7w**

Elevation (AMSL) (m): 715

AEP: 264774

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 80,660.68

Date Started:

Northing: 5,927,130.19

Date Completed: 29 Jun 52

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **261.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)  
(m) (m)

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



13-21-052-26 W4M

Well Number 01262

Well Owner: **Can Gulf Oil Co Hole #8w**

Elevation (AMSL) (m): **715**

AEP: **264775**

Licence No.:

Easting: **80,660.68**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,927,130.19**

Date Completed: **29 Jun 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **258.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---21-052-26 W4M

Well Number 01263

Well Owner: **Ridgewood Winalta Shelters**

Elevation (AMSL) (m): **710**

AEP: **255798**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **81,280.63**

Date Started: **22 Dec 94**

Northing: **5,926,540.13**

Date Completed: **23 Dec 94**

**General:**

Type of Work: **Test Hole-Abandoned**

Drilling Method: **Rotary**

Well Use: **Industrial**

Completed Depth **31.1** (m)

NPWL (m): **11.9** Verified NPWL (m):

Abandonment: **Bentonite Product 02 Jan 95**

**Casing:**

Type: **Plastic**

Depth (m): **29.0** Bottom (m): **29.0**

OD (mm): **152.4** Thickness (mm): **0.1**

Seal Type:  
from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material: **St**

OD (mm): **1.5**

from (m): **29.0** to **30.5** Size: **0.01**

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**

Level End (m): **24.4** Drawdown (m): **12.5**

Rec'd intake (m): **24.4** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (AMSL)

(m) (m) **Lithologic Description**

8.2 702.0 Clay Brown

27.1 683.1 Clay & Sand Gray

31.1 679.2 Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

04-21-052-26 W4M

Well Number 01264

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): 711

AEP: 280395

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 80,680.21

Date Started:

Northing: 5,925,927.84

Date Completed: 16 Apr 51

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **228.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

Depth (m)	Elevation (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)			

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-21-052-26 W4M

Well Number 01265

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **715**

AEP: **280482**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,660.68**

Date Started:

Northing: **5,927,130.19**

Date Completed: **24 Mar 51**

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **243.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-21-052-26 W4M

Well Number 01266

Well Owner: **Royalite Oil Ltd**

Elevation (AMSL) (m): **715**

AEP: **280384**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,660.68**

Date Started:

Northing: **5,927,130.19**

Date Completed: **24 Mar 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **243.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

10-22-052-26 W4M

Well Number 01267

Well Owner: **Can Gulf Oil Co Hole #27**

Elevation (AMSL) (m): **715**

AEP: **264796**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,109.35**

Date Started:

Northing: **5,926,773.75**

Date Completed: **23 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **263.0** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL) **Lithologic Description**  
(m) (m)

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

05-22-052-26 W4M

Well Number 01268

Well Owner: **Can Gulf Oil Co Hole #3**

Elevation (AMSL) (m): **718**

AEP: **264795**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,287.47**

Date Started:

Northing: **5,926,341.24**

Date Completed: **21 Aug 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **266.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

01-22-052-26 W4M

Well Number 01269

Well Owner: **Can Gulf Oil Co Hole #37**

Elevation (AMSL) (m): **706**

AEP: **264793**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,530.83**

Date Started:

Northing: **5,925,978.99**

Date Completed: **11 Oct 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **242.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



04-22-052-26 W4M

Well Number 01270

Well Owner: **Can Gulf Oil Co Hole #5w**

Elevation (AMSL) (m): **713**

AEP: **264794**

Licence No.:

Easting: **82,309.11**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,925,956.13**

Date Completed: **27 Jun 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **256.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

---22-052-26 W4M

Well Number 01271

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **717**

AEP: **280496**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,909.28**

Date Started:

Northing: **5,926,569.35**

Date Completed: **05 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **244.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---22-052-26 W4M

Well Number 01272

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **717**

AEP: **280478**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,909.28**

Date Started:

Northing: **5,926,569.35**

Date Completed: **05 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **244.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 22-052-26 W4M**

Well Number **01273**

Well Owner: **Diversified Prod Sys**

Elevation (AMSL) (m): **715**

AEP: **242332**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **83,277.72**

Date Started: **13 Sep 94**

Northing: **5,926,518.50**

Date Completed: **13 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m): **18.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **25.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **25.3** to **26.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **5.2**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	713.6	Clay Brown
13.7	701.1	Sand Fine Grained
15.9	699.0	Clay
16.1	698.7	Sand
24.4	690.4	Clay Silty
26.8	688.0	Sand Fine Grained
30.5	684.3	Clay
32.3	682.5	Sand Silty
36.6	678.2	Clay Silty
38.7	676.1	Sand Very Fine Grained
41.5	673.4	Clay
41.8	673.0	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-23-052-26 W4M

Well Number 01274

Well Owner: **Can Gulf Oil Co Hole #25**

Elevation (AMSL) (m): **712**

AEP: **264798**

Licence No.:

Easting: **83,916.30**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,926,371.15**

Date Completed: **20 Sep 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **245.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

07-23-052-26 W4M

Well Number 01275

Well Owner: **Can Gulf Oil Co Hole #26**

Elevation (AMSL) (m): **708**

AEP: **264797**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,746.02**

Date Started:

Northing: **5,926,402.13**

Date Completed: **21 Sep 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **260.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

12-23-052-26 W4M

Well Number 01276

Well Owner: **Can Gulf Oil Co Hole #35**

Elevation (AMSL) (m): **717**

AEP: **264799**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,940.19**

Date Started:

Northing: **5,926,774.09**

Date Completed: **09 Oct 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **268.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL) Lithologic Description  
(m) (m)

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-23-052-26 W4M

Well Number 01277

Well Owner: **Can Gulf Oil Co Hole #36**

Elevation (AMSL) (m): **709**

AEP: **264800**

Licence No.:

Easting: **85,137.92**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,927,211.72**

Date Completed: **10 Oct 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **255.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



04-23-052-26 W4M

Well Number 01278

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **710**

AEP: **280468**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,937.92**

Date Started:

Northing: **5,925,986.41**

Date Completed: **16 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **228.6** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

13-23-052-26 W4M

Well Number 01279

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **717**

AEP: **280390**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,916.82**

Date Started:

Northing: **5,927,190.01**

Date Completed:

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **237.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-23-052-26 W4M

Well Number 01280

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **717**

AEP: **280479**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,916.82**

Date Started:

Northing: **5,927,190.01**

Date Completed:

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **237.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

07-23-052-26 W4M

Well Number 01281

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **708**

AEP: **280394**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,746.02**

Date Started:

Northing: **5,926,402.13**

Date Completed: **22 Apr 51**

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **256.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

07-23-052-26 W4M

Well Number 01282

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **708**

AEP: **280484**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **84,746.02**

Date Started:

Northing: **5,926,402.13**

Date Completed: **22 Apr 51**

**General:**

Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **256.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 23-052-26 W4M**

Well Number **01283**

Well Owner: **Enoch Band House #2310**

Elevation (AMSL) (m): **708**

AEP: **166870**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **85,008.44**

Date Started: **23 Jun 92**

Northing: **5,927,547.50**

Date Completed: **23 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **9.1** to **12.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **22.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	689.6	Silt Brown
27.4	680.5	Silt Blue
38.1	669.8	Sand Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-052-26 W4M**

Well Number **01284**

Well Owner: **Enoch Indian Band/Joseph Ward**  
 Drilling Contractor: *Summers, David Drilling*

Elevation (AMSL) (m): **708**      AEP: **157631**  
 Licence No.:      Easting: **85,008.44**  
 Date Started: **22 Apr 91**      Northing: **5,927,547.50**  
 Date Completed: **22 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.5** (m)  
 NPWL (m): **18.3**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.0**      Bottom (m): **36.0**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):      to **18.3**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **36.0**      to **37.5**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **114.0**      Time (minute): **120.0**  
 Level End (m): **31.7**      Drawdown (m): **13.4**  
 Rec'd intake (m):      Rec'd Rate (lpm): **73.0**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	704.3	Sand Silty
18.3	689.6	Sand Fine Grained
24.4	683.5	Silt Blue
37.5	670.4	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 23-052-26 W4M**

Well Number **01285**

Well Owner: **Enoch Band**

Elevation (AMSL) (m): **709**

AEP: **150693**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **84,804.77**

Date Started: **03 Feb 90**

Northing: **5,926,361.00**

Date Completed: **07 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **609.6** Thickness (mm): **0.2**  
 Seal Type: **Puddled Clay**  
 from (m): **3.7** to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Machine**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **17.1** to **17.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **16.8**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **840.0**  
 Level End (m): **10.4** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	698.8	Clay Silty Brown
12.2	696.4	Sand Silty
16.8	691.8	Coal Sandy
21.9	686.6	Sand Fine Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



13-24-052-26 W4M

Well Number 01286

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **708**

AEP: **280391**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,545.29**

Date Started:

Northing: **5,927,219.04**

Date Completed:

**General:**

Type of Work: **Structure Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth **234.7** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-24-052-26 W4M

Well Number 01287

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **708**

AEP: **280480**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **85,545.29**

Date Started:

Northing: **5,927,219.04**

Date Completed:

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **234.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-26-052-26 W4M

Well Number 01292

Well Owner: **Can Gulf Oil Co Hole #22**

Elevation (AMSL) (m): 711

AEP: 264810

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 83,886.98

Date Started:

Northing: 5,928,813.11

Date Completed: 16 Sep 50

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **243.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-26-052-26 W4M

Well Number 01293

Well Owner: **Can Gulf Oil Co Hole #8**

Elevation (AMSL) (m): 711

AEP: 264807

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 83,886.98

Date Started:

Northing: 5,928,813.11

Date Completed: 29 Aug 50

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **256.0** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-26-052-26 W4M

Well Number 01294

Well Owner: **Can Gulf Oil Co Hole #9**

Elevation (AMSL) (m): 711

AEP: 264805

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 83,909.15

Date Started:

Northing: 5,927,593.80

Date Completed: 30 Aug 50

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **265.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 26-052-26 W4M**

Well Number **01295**

Well Owner: **Fraser, Phil**

Elevation (AMSL) (m): **712**

AEP: **221713**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,897.61**

Date Started: **16 Sep 93**

Northing: **5,928,985.00**

Date Completed: **16 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **32.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **32.9** to **34.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **7.6**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	699.8	Clay Silty Yellow
16.1	695.9	Clay & Sand
29.0	683.1	Clay Blue
35.7	676.3	Clay & Sand
37.2	674.8	Clay Blue
39.0	673.0	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-052-26 W4M**

Well Number **01296**

Well Owner: **Wild, Bill/Harvey**

Elevation (AMSL) (m): **710**

AEP: **206645**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,267.82**

Date Started: **26 Apr 93**

Northing: **5,927,796.00**

Date Completed: **27 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **40.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **35.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **9.1**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	695.4	Clay Sandy Yellow
16.8	693.2	Sand Fine Grained
25.9	684.1	Clay Yellow
27.7	682.3	Clay Blue
37.5	672.5	Sand & Coal
39.0	671.0	Clay Blue
40.2	669.8	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

12-27-052-26 W4M

Well Number 01297

Well Owner: **Can Gulf Oil Co Hole #6**

Elevation (AMSL) (m): **714**

AEP: **264809**

Licence No.:

Easting: **82,283.64**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,928,362.12**

Date Completed: **26 Aug 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **250.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NW 27-052-26 W4M**

Well Number **01298**

Well Owner: **Wild, Raymond**

Elevation (AMSL) (m): **715**

AEP: **256717**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,116.92**

Date Started: **16 Nov 94**

Northing: **5,928,679.50**

Date Completed: **16 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.8** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **16.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **26.5** Drawdown (m): **9.4**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	713.1	Clay Sandy Yellow
13.4	701.6	Sand Silty
16.5	698.5	Clay Sandy Yellow
27.7	687.2	Sand Silty
39.0	676.0	Sand
40.8	674.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-052-26 W4M**

Well Number **01299**

Well Owner: **Wild, Blaine**

Elevation (AMSL) (m): **714**

AEP: **156184**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **83,232.95**

Date Started: **24 Apr 91**

Northing: **5,928,012.50**

Date Completed: **25 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **36.3** to **37.8** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **25.9** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	700.5	Clay Silty Yellow
21.6	692.6	Sand Fine Grained Yellow
25.9	688.3	Clay Yellow
38.4	675.8	Sand & Coal
40.2	674.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

03-28-052-26 W4M

Well Number 01300

Well Owner: **Can Gulf Oil Co Hole #1**

Elevation (AMSL) (m): **714**

AEP: **264811**

Licence No.:

Easting: **81,075.38**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,927,557.71**

Date Completed: **26 Dec 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **1634.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-28-052-26 W4M

Well Number 01301

Well Owner: **Can Gulf Oil Co Hole #5**

Elevation (AMSL) (m): **712**

AEP: **264814**

Licence No.:

Easting: **80,653.67**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,927,534.01**

Date Completed: **24 Aug 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **286.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

04-28-052-26 W4M

Well Number 01302

Well Owner: **Royalite Oil Co**

Elevation (AMSL) (m): **712**

AEP: **280385**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **80,653.67**

Date Started:

Northing: **5,927,534.01**

Date Completed:

**General:**

Type of Work: **Structure Test Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **243.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-28-052-26 W4M

Well Number 01303

Well Owner: **Royalite Oil Co**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **280483**  
 Easting: **80,653.67**  
 Northing: **5,927,534.01**

**General:**  
 Type of Work: **Structure Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **243.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 28-052-26 W4M**

Well Number **01304**

Well Owner: **Alta Spruce Ind**

Elevation (AMSL) (m): **711**

AEP: **229718**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **80,454.70**

Date Started: **08 Oct 93**

Northing: **5,928,129.00**

Date Completed: **08 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.9** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **27.4** to **29.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **31.7** to **33.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **30.8**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **5.8**  
 Rec'd intake (m): **31.1** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	702.5	Clay Silty Brown
29.3	681.8	Clay Silty Gray
30.8	680.3	Sand Fine Grained
35.0	676.0	Clay Silty
36.9	674.2	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-052-26 W4M**

Well Number **01305**

Well Owner: **Avoncraft Farms**

Elevation (AMSL) (m): **711**

AEP: **187334**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **80,454.70**

Date Started: **09 Nov 92**

Northing: **5,928,129.00**

Date Completed: **09 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **28.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.9** to **31.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Gould**  
 Model: **7g05422** Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **9.1**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	710.1	Topsoil Black
17.7	693.4	Sand & Coal Clayey Brown
22.3	688.8	Sand
28.0	683.0	Clay Gray
29.6	681.5	Coal
31.4	679.7	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



12-29-052-26 W4M

Well Number 01306

Well Owner: **Spruce Valley Equine Center**

Elevation (AMSL) (m): **715**

AEP: **240719**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **78,814.02**

Date Started: **08 Jun 94**

Northing: **5,929,034.00**

Date Completed: **09 Jun 94**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth: **36.9** (m)  
NPWL (m): **13.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **35.0** Bottom (m): **35.0**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): **3.1** to **7.6**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.5**  
from (m): **35.0** to **36.6** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **30.5**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
Level End (m): **30.5** Drawdown (m): **16.8**  
Rec'd intake (m): **30.5** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	711.3			Sand Fine Grained Brown
5.8	709.2			Clay Brown
8.5	706.5			Sand Brown
11.0	704.0			Clay Gray
31.4	683.6			Clay & Sand Gray
36.9	678.1			Sand & Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-052-26 W4M**

Well Number **01307**

Well Owner: **Dorn, L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156708**  
 Easting: **80,025.93**  
 Northing: **5,928,539.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 29-052-26 W4M**

Well Number **01308**

Well Owner: **Dorn, Lou**

Elevation (AMSL) (m): **711**

AEP: **238058**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **80,025.93**

Date Started: **27 Sep 93**

Northing: **5,928,539.00**

Date Completed: **27 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **38.1** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.0** to **37.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **11.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	701.8	Clay Silty
24.4	686.5	Clay Blue
27.4	683.5	Silt Blue
38.1	672.8	Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 29-052-26 W4M**

Well Number **01309**

Well Owner: **Lockwood, Mr. F.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163030**  
 Easting: **78,903.88**  
 Northing: **5,928,746.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 29-052-26 W4M**

Well Number **01310**

Well Owner: **Maron, Marshall**

Elevation (AMSL) (m): **712**

AEP: **156185**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,902.36**

Date Started: **23 May 91**

Northing: **5,928,734.50**

Date Completed: **23 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **33.2** to **34.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **13.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	699.9			Clay Yellow
23.5	688.6			Clay Blue
35.0	677.1			Sand & Coal
36.0	676.1			Clay & Rocks Blue
36.6	675.5			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 29-052-26 W4M**

Well Number **01311**

Well Owner: **Secord, R. Y.**

Elevation (AMSL) (m): **712**

AEP: **158481**

Drilling Contractor: *Coralta Drlg*

Licence No.:

Easting: **79,988.40**

Date Started: **01 Oct 75**

Northing: **5,928,040.00**

Date Completed: **01 Oct 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.0** (m)  
 NPWL (m): **15.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **104.7** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.4** to **36.0** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Crane Deming** Intake (m): **31.1**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **60.0**  
 Level End (m): **14.9** Drawdown (m):  
 Rec'd intake (m): **31.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	710.8	Clay Brown
34.4	677.2	Sand & Clay Stringers Silty
36.0	675.7	Sand & Gravel Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-052-26 W4M**

Well Number **01312**

Well Owner: **Barbenko, Lacic**

Elevation (AMSL) (m): **708**

AEP: **158392**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **78,395.80**

Date Started: **22 Jul 91**

Northing: **5,928,730.00**

Date Completed: **23 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **31.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.1**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **34.1**

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **12.5** Drawdown (m): **0.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	700.8			Sand & Clay Stringers
22.9	685.6			Clay
31.4	677.0			Sand Silty
33.2	675.2			Sand
34.1	674.3			Clay
36.6	671.9			Sand
39.6	668.8			Clay & Rocks

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 30-052-26 W4M**

Well Number **01313**

Well Owner: **Brent, Bill**

Elevation (AMSL) (m): **708**

AEP: **150974**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **78,395.80**

Date Started: **13 Mar 90**

Northing: **5,928,730.00**

Date Completed: **13 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **30.8** to **32.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	697.8	Clay Soft Yellow
15.2	693.2	Clay Soft Blue
21.3	687.1	Clay Blue
33.5	674.9	Coal Sandy
35.0	673.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 30-052-26 W4M**

Well Number **01314**

Well Owner: **Steblyk, Lester**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156709**  
 Easting: **78,395.80**  
 Northing: **5,928,730.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-052-26 W4M**

Well Number **01315**

Well Owner: **Vandewerff, Joanne/Pete**

Elevation (AMSL) (m): **711**

AEP: **278942**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **78,133.43**

Date Started: **22 Nov 95**

Northing: **5,928,798.50**

Date Completed: **22 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **22.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **34.1** to **35.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **34.1**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **16.5** Drawdown (m): **3.4**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	699.6	Clay Sandy Yellow
23.8	686.8	Clay Blue
36.0	674.6	Sand
38.4	672.1	Clay Blue
39.6	670.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-052-26 W4M**

Well Number **01316**

Well Owner: **Dandeneau, Robert J.**

Elevation (AMSL) (m): **712**

AEP: **164478**

Drilling Contractor: *Papley Drilling*

Licence No.:

Easting: **77,248.05**

Date Started: **18 Sep 91**

Northing: **5,927,540.50**

Date Completed: **18 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **31.4** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Hole Plug**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.9** to **31.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	704.8	Clay Yellow
29.0	682.6	Clay Silty Blue
31.4	680.1	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-26 W4M**

Well Number **01317**

Well Owner: **Reynolds, Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261835**  
 Easting: **77,936.36**  
 Northing: **5,930,627.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Cribbing**  
 Depth (m): Bottom (m):  
 OD (mm): **762.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **25 Aug 69**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>826.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite <b>0.11</b>	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>486.00</b>
Aluminum	Barium	Manganese
Sulphate <b>181.07</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride <b>0.28</b>	Chromium	Amm. Nitrogen
Iron <b>19.35</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>619.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 31-052-26 W4M**

Well Number **01318**

Well Owner: **Garner, Bill**

Elevation (AMSL) (m): **703**

AEP: **245047**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **77,501.54**

Date Started: **04 Aug 94**

Northing: **5,930,344.00**

Date Completed: **04 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **26.5** to **28.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **22.9**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **11.9**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	702.7	Topsoil Black
6.1	697.2	Clay Yellow
25.9	677.4	Clay Blue
27.1	676.2	Gravel
29.3	674.0	Clay & Coal Sandy Blue
30.5	672.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SH 31-052-26 W4M**

Well Number **01319**

Well Owner: **Woodhouse, Don**

Elevation (AMSL) (m): **711**

AEP: **280685**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **77,994.65**

Date Started: **26 Oct 95**

Northing: **5,929,327.00**

Date Completed: **26 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **35.0** to **36.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **33.5**

**Testing:**

Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **14.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	707.6			Clay Silty Brown
10.7	700.0			Clay Silty Blue
31.7	678.9			Silt Blue
36.6	674.1			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-052-26 W4M**

Well Number **01320**

Well Owner: **Boyko, Roy**

Elevation (AMSL) (m): **706**

AEP: **245048**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,226.24**

Date Started: **06 Sep 94**

Northing: **5,930,618.50**

Date Completed: **08 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **45.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.9** Bottom (m): **82.6**  
 Perforated How: **Saw**  
 from (m): **45.4** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: S5p4c02tl-02**  
 Model: Intake (m): **64.0**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **35.7**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	684.2	Clay Yellow
32.9	672.6	Clay Blue
38.1	667.4	Clay & Sand
43.3	662.2	Shale Gray
50.3	655.2	Shale Green
59.4	646.1	Shale Sandy Gray
69.2	636.3	Shale Gray
72.5	633.0	Shale Sandy Gray
73.5	632.1	Shale & Coal Brown
76.2	629.3	Shale Gray
78.0	627.5	Shale Sandy Gray
78.6	626.9	Shale Green
81.1	624.4	Shale Sandy Gray
83.5	622.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 32-052-26 W4M**

Well Number **01321**

Well Owner: **Haarsma, Garry**

Elevation (AMSL) (m): **713**

AEP: **155204**

Drilling Contractor: *Coralta Drlg*

Licence No.:

Easting: **78,779.26**

Date Started:

Northing: **5,929,384.00**

Date Completed: **29 Apr 64**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **25.6**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **30.8**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	695.7	Quicksand Clayey
18.9	694.4	Sand Water Bearing
21.6	691.7	Clay
23.5	689.9	Sand Water Bearing
25.9	687.4	Clay
26.5	686.8	Coal Water Bearing
26.8	686.5	Clay
27.1	686.2	Coal Water Bearing
30.8	682.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 32-052-26 W4M**

Well Number **01322**

Well Owner: **Wild, John R**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **713**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **272586**  
 Easting: **78,779.26**  
 Northing: **5,929,396.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **07 Sep 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>744.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>550.00</b>
Aluminum	Barium	Manganese
Sulphate <b>185.88</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>4.90</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>365.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-34-052-26 W4M

Well Number 01323

Well Owner: **Arc Th#76-74**

Elevation (AMSL) (m): **708**

AEP: **196945**

Licence No.:

Easting: **82,231.84**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,930,390.74**

Date Completed: **25 Nov 74**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth **274.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
6.1	702.2	Unknown
12.2	696.1	Shale & Sandstone Silty Gray
18.3	690.0	Shale & Sandstone Oxidized Gra
24.4	683.9	Shale & Sandstone Fine Grained
36.6	671.7	Shale & Sandstone Carbonaceous
42.7	665.6	Unknown
54.9	653.4	Shale & Sandstone Carbonaceous
61.0	647.3	Shale & Sandstone Silty Light
73.2	635.1	Shale & Coal Carbonaceous
79.2	629.1	Shale & Coal Silty Light Gray
85.3	623.0	Shale & Siltstone Carbonaceous
91.4	616.9	Siltstone & Sandstone Fine Gra
97.5	610.8	Shale & Sandstone Carbonaceous
103.6	604.7	Shale & Coal Sandy Gray
109.7	598.6	Shale & Sandstone Carbonaceous
115.8	592.5	Shale & Coal Sandy Gray
121.9	586.4	Shale & Sandstone Carbonaceous
128.0	580.3	Unknown
134.1	574.2	Siltstone & Sandstone Carbonac
140.2	568.1	Unknown
146.3	562.0	Shale & Siltstone Carbonaceous
176.8	531.5	Unknown
182.9	525.4	Siltstone & Sandstone Carbonac
189.0	519.3	Shale & Coal Sandy Gray
195.1	513.2	Shale & Siltstone Carbonaceous
201.2	507.1	Unknown
207.3	501.0	Shale & Sandstone Silty Gray
213.4	494.9	Siltstone & Sandstone Fine Gra
219.5	488.8	Shale & Siltstone Sandy Gray
225.5	482.8	Shale & Siltstone Carbonaceous
231.6	476.7	Shale & Sandstone Carbonaceous
237.7	470.6	Siltstone & Sandstone Carbonac
243.8	464.5	Shale & Siltstone Silty Gray
249.9	458.4	Siltstone & Sandstone Carbonac
256.0	452.3	Siltstone & Sandstone Very Fin
262.1	440.1	Unknown
268.2	440.1	Shale & Sandstone Carbonaceous
274.3	434.0	Shale & Sandstone Carbonaceous

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

---34-052-26 W4M

Well Number 01324

Well Owner: **Can Gulf Oil Co Hole #14**

Elevation (AMSL) (m): **715**

AEP: **264817**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,852.09**

Date Started:

Northing: **5,929,799.89**

Date Completed:

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **250.8** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

12-34-052-26 W4M

Well Number 01325

Well Owner: **Can Gulf Oil Co Hole #7**

Elevation (AMSL) (m): **712**

AEP: **264815**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,255.21**

Date Started:

Northing: **5,929,975.07**

Date Completed: **28 Aug 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth: **249.9** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 34-052-26 W4M**

Well Number **01326**

Well Owner: **Wild, Allan**

Elevation (AMSL) (m): **713**

AEP: **256720**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **82,438.69**

Date Started: **12 Oct 94**

Northing: **5,930,194.00**

Date Completed: **19 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.5** (m)  
 NPWL (m): **33.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **105.5**  
 Perforated How: **Saw**  
 from (m): **61.0** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **105.5**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **58.2**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	710.3	Clay Sandy Yellow
7.6	705.2	Sand
19.5	693.3	Clay Sandy Yellow
33.8	679.0	Sand
35.0	677.7	Clay Sandy Blue
37.5	675.3	Shale Gray
41.5	671.3	Sandstone & Coal
43.0	669.8	Shale Gray
44.2	668.6	Sandstone
44.5	668.3	Shale & Coal Brown
48.2	664.6	Shale Green
50.0	662.8	Sandstone & Coal
53.3	659.4	Shale Gray
56.1	656.7	Sandstone
58.8	654.0	Shale Green
62.5	650.3	Sandstone
66.4	646.3	Shale Gray
68.9	643.9	Sandstone
69.2	643.6	Shale & Coal Brown
78.0	634.8	Shale Green
82.0	630.8	Sandstone
84.1	628.7	Shale Brittle Green
85.6	627.1	Sandstone
93.3	619.5	Shale Gray
94.8	618.0	Sandstone
98.8	614.0	Shale Gray
103.0	609.8	Sandstone
103.3	609.5	Shale & Coal Brown
105.5	607.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-052-26 W4M**

Well Number **01327**

Well Owner: **Wild, Mrs. John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **272585**  
 Easting: **82,298.63**  
 Northing: **5,930,716.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **80.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **21 Sep 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>634.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>25.00</b>
Aluminum	Barium	Manganese
Sulphate <b>16.81</b>	Beryllium	Phosphate
Chloride <b>14.89</b>	Cadium	Ion Balance
Fluoride <b>2.10</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>515.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 34-052-26 W4M**

Well Number **01328**

Well Owner: **Ranch Golf & Country Club**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156710**  
 Easting: **83,138.14**  
 Northing: **5,929,631.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 34-052-26 W4M**

Well Number **01329**

Well Owner: **Ranch Golf & Country Club**  
 Drilling Contractor: *Elk Point Drilling Corp.*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed: **18 Mar 92**  
 AEP: **164150**  
 Easting: **83,138.14**  
 Northing: **5,929,631.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **23.5** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **57.2** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **12.2** to **15.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **0.7**  
 from (m): **20.1** to **23.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 34-052-26 W4M**

Well Number **01330**

Well Owner: **Ranch Golf & Country Club**  
 Drilling Contractor: *Elk Point Drilling Corp.*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed: **18 Mar 92**  
 AEP: **164151**  
 Easting: **83,138.14**  
 Northing: **5,929,631.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **24.4** to **25.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.8**  
 from (m): **26.5** to **29.9** Size: **0.03**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **303.8** Time (minute): **2880.0**  
 Level End (m): Drawdown (m): **3.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	714.9	Topsoil
6.1	709.4	Silt Soft Brown
7.9	707.6	Silt Brown
10.4	705.1	Sand & Silt
12.2	703.3	Silt
19.5	696.0	Sand & Coal Brown
20.7	694.7	Silt Clayey
26.5	689.0	Sand
27.4	688.0	Sand & Coal
29.0	686.5	Sand Gray
30.2	685.3	Sand & Gravel
33.5	681.9	Shale Gray
36.6	678.9	Sandstone Clayey

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

---35-052-26 W4M

Well Number 01331

Well Owner: **Can Gulf Oil Co Hole #15**

Elevation (AMSL) (m): **714**

AEP: **264818**

Licence No.:

Easting: **84,478.09**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,929,829.74**

Date Completed: **08 Sep 50**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **244.4** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 35-052-26 W4M**

Well Number **01332**

Well Owner: **Fournel, Mike**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **716**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167575**  
 Easting: **83,884.47**  
 Northing: **5,929,709.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-052-27 W4M**

Well Number **01336**

Well Owner: **Moisan, Don**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started: **26 Oct 92**  
 Date Completed: **28 Oct 92**  
 AEP: **195416**  
 Easting: **76,758.66**  
 Northing: **5,921,883.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **46.9**  
 Perforated How: **Machine**  
 from (m): **37.8** to **46.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Duro 500st** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **28.0** Drawdown (m): **23.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	700.9	Clay Sandy
15.2	690.8	Clay Blue
21.3	684.7	Sand & Gravel
27.4	678.6	Clay
36.6	669.5	Shale
37.5	668.6	Coal
40.2	665.8	Shale
40.5	665.5	Coal
46.3	659.7	Shale
46.6	659.4	Coal
46.9	659.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-052-27 W4M**

Well Number **01337**

Well Owner: **Aslin, Trevor**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started: **24 May 92**  
 Date Completed: **29 May 92**  
 AEP: **195414**  
 Easting: **77,109.70**  
 Northing: **5,921,361.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **39.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **5dd5t** Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **1440.0**  
 Level End (m): **21.3** Drawdown (m): **11.3**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	703.8	Clay Sandy
17.1	691.0	Clay Blue
17.7	690.4	Gravel Pea
22.6	685.5	Clay & Gravel
34.8	673.3	Shale Soft
35.0	673.0	Coal
41.5	666.6	Shale
49.1	659.0	Shale Sandy
49.4	658.7	Coal
53.6	654.5	Shale Sandy
54.9	653.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-052-27 W4M**

Well Number **01338**

Well Owner: **Wigston, Robin**

Elevation (AMSL) (m): **708**

AEP: **169716**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **77,109.70**

Date Started: **30 Sep 92**

Northing: **5,921,361.50**

Date Completed: **02 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **84.7** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **84.7**  
 Perforated How: **Saw**  
 from (m): **42.7** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.3**

**Testing:**

Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **54.9** Drawdown (m): **43.0**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.0	704.1	Clay Sandy Yellow
23.5	684.6	Clay Sandy Blue
30.8	677.3	Sandstone
35.4	672.7	Shale Gray
36.9	671.2	Sandstone
40.8	667.3	Shale Gray
41.8	666.3	Coal
44.5	663.6	Shale Gray
49.4	658.7	Sandstone
64.9	643.2	Shale Green
67.4	640.7	Sandstone
75.3	632.8	Shale Gray
77.1	631.0	Sandstone
77.7	630.4	Shale & Coal Blue
79.6	628.5	Shale Gray
82.0	626.1	Sandstone
82.6	625.5	Shale & Coal Blue
84.7	623.4	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-02-052-27 W4M

Well Number 01339

Well Owner: **Alta Env #0870e**

Elevation (AMSL) (m): **706**

AEP: **240658**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **75,462.01**

Date Started:

Northing: **5,920,999.00**

Date Completed: **23 Sep 72**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	701.4	Clay & Silt Loamy Light Yellow
10.7	695.3	Silt Greenish Gray
18.3	687.7	Sand & Silt Very Fine Grained
21.3	684.7	Gravel
38.1	667.9	Clay Greenish Gray
42.7	663.3	Shale & Sandstone Carbonaceous

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-02-052-27 W4M

Well Number 01340

Well Owner: **Can Gulf Oil Co Hole #7**

Elevation (AMSL) (m): **709**

AEP: **264827**

Licence No.:

Easting: **74,240.51**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,920,975.72**

Date Completed: **17 May 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **291.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



02-03-052-27 W4M

Well Number 01341

Well Owner: **Can Gulf Oil Co Hole #8**

Elevation (AMSL) (m): **710**

AEP: **264830**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **73,443.49**

Date Started:

Northing: **5,920,946.86**

Date Completed: **16 May 52**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **299.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

02-03-052-27 W4M

Well Number 01342

Well Owner: **Can Gulf Oil Co Hole #8**

Elevation (AMSL) (m): **710**

AEP: **264828**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **73,443.49**

Date Started:

Northing: **5,920,946.86**

Date Completed: **16 May 52**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **299.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-03-052-27 W4M

Well Number 01343

Well Owner: **Can Gulf Oil Co Hole #9**

Elevation (AMSL) (m): **708**

AEP: **264865**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **72,611.11**

Date Started:

Northing: **5,920,949.84**

Date Completed: **17 May 52**

**General:**

Type of Work: **Core Hole**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **300.8** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**16-03-052-27 W4M**

Well Number **01344**

Well Owner: **Nixon, C.**

Elevation (AMSL) (m): **711**

AEP: **166504**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **73,747.59**

Date Started: **09 Apr 92**

Northing: **5,922,443.00**

Date Completed: **15 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **43.0** to **45.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **45.7** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 7g05** Intake (m): **44.2**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **44.2** Drawdown (m): **38.7**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	705.9	Sand Brown
18.6	692.2	Sand Gray
21.0	689.7	Coal
24.4	686.4	Till & Clay See Comments Gray
24.7	686.1	Gravel
32.3	678.5	Till & Clay Gray
33.2	677.5	Shale Green
34.1	676.6	Shale Brown
36.9	673.9	Shale Gray
37.5	673.3	Siltstone Gray
39.6	671.1	Shale Gray
45.1	665.7	Shale & Siltstone Gray
45.4	665.4	Shale Brown
47.6	663.2	Sandstone Gray
48.8	662.0	Shale Gray
52.4	658.3	Sandstone Gray
53.3	657.4	Shale & Coal Brown
53.6	657.1	Coal
55.2	655.6	Shale Brown
56.7	654.1	Shale Green
57.9	652.9	Shale Brown
58.8	651.9	Sandstone & Coal
61.0	649.8	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-052-27 W4M**

Well Number **01345**

Well Owner: **Heidemann, R.**

Elevation (AMSL) (m): **711**

AEP: **152009**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **74,091.61**

Date Started: **28 Dec 89**

Northing: **5,921,457.00**

Date Completed: **03 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **38.4** to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **64.0**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **71.6**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	707.5	Fill
30.5	680.1	Clay Soft Blue
32.0	678.6	Sand & Gravel
36.6	674.0	Shale Gray
38.1	672.5	Shale Brown
51.8	658.8	Shale Gray
53.3	657.2	Shale & Coal Brown
71.6	639.0	Shale & Sandstone Gray
73.2	637.4	Shale & Coal Brown
79.2	631.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-052-27 W4M**

Well Number **01346**

Well Owner: **Heidemann, Rudolph**

Elevation (AMSL) (m): **711**

AEP: **156275**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **74,091.61**

Date Started: **15 May 91**

Northing: **5,921,457.00**

Date Completed: **27 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **82.3**  
 Perforated How: **Torch**  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **5g07** Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **82.3** Drawdown (m): **67.1**  
 Rec'd intake (m): **73.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	705.1	Sand
24.1	686.5	Clay Blue
25.9	684.7	Sand & Gravel
33.5	677.1	Clay Blue
42.7	667.9	Clay See Comments Blue
45.7	664.9	Sand & Gravel
46.3	664.3	Clay Blue
47.2	663.3	Shale Brown
51.8	658.8	Shale Gray
53.3	657.2	Shale Brown
62.5	648.1	Shale Gray
68.6	642.0	Shale Brown
77.7	632.9	Shale Gray
80.8	629.8	Sandstone Water Bearing Gray
82.3	628.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-04-052-27 W4M

Well Number 01347

Well Owner: **Trautman**

Elevation (AMSL) (m): **713**

AEP: **274978**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **71,707.34**

Date Started:

Northing: **5,921,048.50**

Date Completed: **01 Jan 32**

**General:**  
 Type of Work: **Federal Well Survey**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic & Stock**  
 Completed Depth **140.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): Bottom (m):  
 OD (mm): **76.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **50.8** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **13 Feb 80**

pH (pH unit) <b>8.70</b>	COD	Mercury
Cond. (µS/cm) <b>1019</b>	SAR	Nickel
TDS <b>599.0</b>	TKN	Selenium
Sodium <b>250.01</b>	Nitrate	Strontium
Potassium <b>0.39</b>	Nitrite	Molybdenum
Calcium <b>1.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>15.00</b>	DIC	Hydroxide
Bicarbonate <b>655.86</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride <b>2.67</b>	Chromium	Amm. Nitrogen
Iron <b>0.03</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>564.0</b>
Silica <b>8.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

01-05-052-27 W4M

Well Number 01348

Well Owner: **Gitzel, M.**

Elevation (AMSL) (m): **714**

AEP: **185968**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,634.48**

Date Started: **02 Nov 92**

Northing: **5,920,982.00**

Date Completed: **06 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **70.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **5es05422** Intake (m): **67.1**

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **56.7**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.9	709.3	Clay Brown
7.6	706.6	Clay Silty Brown
9.1	705.1	Clay Brown
11.0	703.3	Coal
12.2	702.0	Sand
26.8	687.4	Coal Gravelly
35.0	679.2	Till
37.5	676.7	Sandstone
42.4	671.9	Shale Green
50.0	664.2	Shale Gray
64.0	650.2	Shale Greenish Gray
64.9	649.3	Coal
71.6	642.6	Shale Gray
72.2	642.0	Sandstone
73.8	640.5	Shale Green
80.2	634.1	Sandstone
85.3	628.9	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 05-052-27 W4M**

Well Number **01349**

Well Owner: **Englar, Richard**

Elevation (AMSL) (m): **716**

AEP: **217319**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **69,449.88**

Date Started: **09 Aug 93**

Northing: **5,921,052.00**

Date Completed: **11 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **20.1** to **22.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **48.8**  
 Perforated How: **Saw**  
 from (m): **36.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **100.3** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **17.7**  
 Rec'd intake (m): **20.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	713.8			Clay Brown
5.5	710.2			Sand Brown
11.3	704.4			Sand & Coal Gray
15.2	700.4			Clay Gray
17.7	698.0			Shale & Sandstone Ledges Gray
20.1	695.6			Shale Fractured Green
22.3	693.4			Shale Gray
22.9	692.8			Sandstone Gray
26.8	688.9			Shale Green
27.1	688.5			Limestone
30.8	684.9			Shale Green
39.9	675.7			Shale & Sandstone Ledges Gray
48.8	666.9			Shale Fractured Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 05-052-27 W4M**

Well Number **01350**

Well Owner: **L.S. Dairy Farms**

Elevation (AMSL) (m): **716**

AEP: **150970**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,449.88**

Date Started: **21 Mar 90**

Northing: **5,921,052.00**

Date Completed: **21 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **46.9** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **36.6** to  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): **36.6** Bottom (m): **46.0**  
 Perforated How: **Machine**  
 from (m): **36.6** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	700.4	Clay Yellow
23.8	691.9	Clay Blue
25.0	690.7	Shale Gray
31.4	684.3	Shale Sandy Gray
38.1	677.6	Shale Green
46.9	668.7	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01351**

Well Owner: **Boggs, Greg**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **712**      AEP: **195423**  
 Licence No.:                      Easting: **70,334.55**  
 Date Started: **09 Aug 92**      Northing: **5,923,521.00**  
 Date Completed: **10 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **15.2**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.3**      Bottom (m): **29.3**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):              to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **25.9**      Bottom (m): **44.2**  
 Perforated How: **Machine**  
 from (m): **38.1**      to **44.2**      Size:  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Open Hole:**  
 from (m):              to  
**Pump:**  
 Model:                      Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **18.2**              Time (minute): **120.0**  
 Level End (m): **19.8**              Drawdown (m): **4.6**  
 Rec'd intake (m): **30.5**              Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	699.0	Clay Sandy
23.8	688.0	Sand
25.3	686.5	Shale
26.5	685.3	Sandstone
28.7	683.2	Shale Sandy
30.5	681.3	Shale Green
36.0	675.8	Shale Gray
36.6	675.2	Sandstone
42.7	669.1	Shale Gray
43.6	668.2	Sandstone
44.2	667.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-052-27 W4M**

Well Number **01352**

Well Owner: **Brule, A.**

Elevation (AMSL) (m): **712**

AEP: **208808**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **10 Mar 93**

Northing: **5,923,521.00**

Date Completed: **11 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **24.4** to **25.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **35.0**  
 Perforated How: **Saw**  
 from (m): **27.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g0542z** Intake (m): **21.3**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **17.7**  
 Rec'd intake (m): **23.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	705.4			Clay Brown
17.7	694.1			Clay Gray
21.6	690.2			Sand & Coal
23.2	688.6			Coal
26.5	685.3			Shale Green
29.0	682.9			Shale Fractured Gray
30.8	681.0			Shale Green
32.3	679.5			Sandstone
33.8	678.0			Shale Gray
35.0	676.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 08-052-27 W4M**

Well Number **01353**

Well Owner: **Edgar, Lynn**

Elevation (AMSL) (m): **712**

AEP: **152011**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **24 Oct 89**

Northing: **5,923,521.00**

Date Completed: **24 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **27.4** to

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **48.8**  
 Perforated How: **Other**  
 from (m): **32.0** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **41.2** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	709.4	Sand Fine Grained
8.5	703.3	Clay Sandy Yellow
13.7	698.1	Clay Soft Blue
18.9	692.9	Sand Gray
22.9	688.9	Shale Green
30.8	681.0	Shale Green
33.5	678.3	Sandstone Fine Grained
35.4	676.4	Shale Green
38.7	673.1	Sandstone
39.6	672.2	Shale Green
42.7	669.1	Sandstone
44.2	667.6	Shale Gray
47.2	664.6	Sandstone
48.8	663.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01354**

Well Owner: **Eggler, Jim**

Elevation (AMSL) (m): **712**

AEP: **169281**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,334.55**

Date Started: **28 Jul 92**

Northing: **5,923,521.00**

Date Completed: **29 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **21.3** to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **41.2**  
 Perforated How: **Saw**  
 from (m): **33.5** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Berkley**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **32.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	702.7			Silt Brown
13.7	698.1			Clay Blue
27.4	684.4			Shale Gray
33.5	678.3			Shale Green
41.2	670.7			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 08-052-27 W4M**

Well Number **01355**

Well Owner: **Glober, Donovan**

Elevation (AMSL) (m): **712**

AEP: **238060**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,334.55**

Date Started: **01 Jul 93**

Northing: **5,923,521.00**

Date Completed: **01 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **44.2** to **50.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **50.3**  
 Perforated How: **Machine**  
 from (m): **44.2** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **36.6**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **33.5**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	705.7			Clay Brown
11.6	700.2			Clay Blue
18.3	693.5			Sand Silty Blue
27.4	684.4			Clay Blue
33.5	678.3			Shale Gray
38.1	673.7			Sandstone
41.2	670.7			Shale
50.3	661.5			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01356**

Well Owner: **Greenboro Homes**

Elevation (AMSL) (m): **712**

AEP: **280686**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,334.55**

Date Started: **27 Oct 94**

Northing: **5,923,521.00**

Date Completed: **28 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **41.2**  
 Perforated How: **Machine**  
 from (m): **30.5** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **30.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	708.1	Sand Silty
8.5	703.3	Clay Silty
18.3	693.5	Clay
21.9	689.9	Sand Silty
27.4	684.4	Shale Green
32.0	679.8	Shale Gray
37.5	674.3	Sandstone
39.0	672.8	Shale Gray
41.2	670.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 08-052-27 W4M**

Well Number **01357**

Well Owner: **Grimm, Brady**

Elevation (AMSL) (m): **712**

AEP: **198245**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **03 Dec 92**

Northing: **5,923,521.00**

Date Completed: **07 Dec 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **28.0**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **24.7** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **24.7** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **31.7**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.3	711.5	Clay
3.4	708.5	Sand Yellow
7.0	704.8	Clay Soft Yellow
20.1	691.7	Clay Blue
20.4	691.4	Coal Brittle
22.3	689.6	Clay Blue
25.0	686.8	Shale Sandy Gray
29.9	681.9	Shale Green
35.0	676.8	Shale Sandy Gray
36.9	674.9	Shale Green
39.6	672.2	Shale Sandy Gray
41.2	670.7	Shale Green
43.6	668.2	Shale Sandy Gray
43.9	667.9	Sandstone
48.8	663.0	Shale Sandy Gray
50.3	661.5	Shale Brown
53.3	658.5	Shale Sandy Gray
54.9	656.9	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01358**

Well Owner: **Harvey, Dale**

Elevation (AMSL) (m): **712**

AEP: **217322**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **70,334.55**

Date Started: **19 Jul 93**

Northing: **5,923,521.00**

Date Completed: **01 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **24.1** to **25.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **42.7**  
 Perforated How: **Saw**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **42.7**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **36.0**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	711.5			Topsoil
6.4	705.4			Sand Brown
12.2	699.6			Silt Gray
13.7	698.1			Clay Gray
15.2	696.6			Sandstone Soft Light Gray
18.3	693.5			Shale Fractured Green
24.1	687.7			Shale Greenish Gray
25.0	686.8			Shale Green
25.9	685.9			Shale Gray
28.4	683.5			Shale Green
31.7	680.1			Shale Greenish Gray
39.9	671.9			Shale Gray
41.8	670.0			Sandstone Gray
43.9	667.9			Shale Green
48.8	663.0			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01359**

Well Owner: **Matwie, Ed**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **712**                      AEP: **155654**  
 Licence No.:    Easting: **70,053.70**  
 Date Started: **19 Oct 90**                      Northing: **5,923,959.50**  
 Date Completed: **19 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.3** (m)  
 NPWL (m): **4.9**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3**                      Bottom (m): **18.3**  
 OD (mm): **127.0**                      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):                      to **16.5**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **18.3**                      to **19.8**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **50.2**                      Time (minute): **120.0**  
 Level End (m): **17.7**                      Drawdown (m): **12.8**  
 Rec'd intake (m):                      Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.1	710.3	Clay
9.4	703.0	Clay Sandy
21.9	690.5	Sand
22.3	690.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-052-27 W4M**

Well Number **01360**

Well Owner: **Mcquade, Joe/Donna**

Elevation (AMSL) (m): **712**

AEP: **166874**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **70,334.55**

Date Started: **23 Jun 92**

Northing: **5,923,521.00**

Date Completed: **24 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.3** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **43.3**  
 Perforated How: **Saw**  
 from (m): **30.5** to **43.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	708.8	Sand
6.7	705.1	Clay Sandy
18.9	692.9	Clay Silty
19.8	692.0	Clay & Coal Silty
21.3	690.5	Sand & Coal
25.6	686.2	Shale Green
26.8	685.0	Sandstone
28.7	683.2	Shale Sandy Gray
29.9	681.9	Shale Green
31.1	680.7	Sandstone Fine Grained
31.7	680.1	Sandstone Hard
34.1	677.7	Shale Sandy Gray
36.6	675.2	Shale Greenish Gray
38.1	673.7	Shale Sandy Gray
39.6	672.2	Shale Green
41.5	670.4	Sandstone Fine Grained
42.4	669.4	Sandstone Coarse Grained
43.3	668.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01361**

Well Owner: **Michener, Vance/Leanne**

Elevation (AMSL) (m): **712**

AEP: **227869**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **09 Aug 93**

Northing: **5,923,521.00**

Date Completed: **10 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **32.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **31.1** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **19.8** Drawdown (m): **4.6**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	711.5	Topsoil
6.1	705.7	Clay Yellow
15.2	696.6	Clay Blue
19.8	692.0	Sand & Coal
23.2	688.6	Clay & Sand Blue
29.3	682.5	Shale Green
31.7	680.1	Shale Sandy Gray
33.8	678.0	Shale Green
39.0	672.8	Shale Sandy Gray
41.5	670.4	Shale Green
48.5	663.3	Shale Sandy Gray
50.3	661.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01362**

Well Owner: **Midwinter, Alfred/Linda**

Elevation (AMSL) (m): **712**

AEP: **217325**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **19 Jul 93**

Northing: **5,923,521.00**

Date Completed: **20 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **24.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.1** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **42.7** to **48.8** Size:  
 from (m): **54.9** to **57.9** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **21.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

23.2	688.6	Clay & Sand
26.5	685.3	Shale
27.1	684.7	Siltstone & Sandstone
32.9	678.9	Shale & Siltstone
33.2	678.6	Sandstone
34.1	677.7	Shale
34.4	677.4	Sandstone
38.4	673.4	Shale
39.6	672.2	Siltstone & Sandstone
41.5	670.4	Shale
42.1	669.7	Sandstone
43.9	667.9	Shale
44.5	667.3	Siltstone
45.4	666.4	Shale
46.9	664.9	Siltstone & Sandstone
51.5	660.3	Shale
53.0	658.8	Shale Fractured
61.0	650.8	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-052-27 W4M**

Well Number **01363**

Well Owner: **Scheunemann, Gerry**

Elevation (AMSL) (m): **712**

AEP: **152403**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,187.34**

Date Started: **14 Jul 90**

Northing: **5,924,042.00**

Date Completed: **14 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **31.4** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **48.8**  
 Perforated How: **Hand Drill**  
 from (m): **30.5** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	707.1	Sand Fine Grained
10.4	701.7	Clay Soft Yellow
19.8	692.2	Sand Fine Grained Gray
21.9	690.1	Clay Soft Blue
22.9	689.2	Shale Green
24.7	687.3	Shale Fractured Green
30.2	681.9	Sand Coarse Grained Gray
32.9	679.1	Shale Green
36.6	675.5	Sandstone Coarse Grained
38.1	673.9	Shale Green
40.8	671.2	Sandstone
43.0	669.1	Shale Gray
46.0	666.0	Sandstone
48.8	663.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01364**

Well Owner: **Scheunemann, Gerry**

Elevation (AMSL) (m): **712**

AEP: **152369**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,334.56**

Date Started: **14 Jul 90**

Northing: **5,923,521.18**

Date Completed: **14 Jul 90**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **82.3** Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **46.9** to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **85.3** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	706.6	Sand Fine Grained
10.7	701.1	Clay Soft Yellow
19.8	692.0	Sand Fine Grained Gray
21.6	690.2	Clay Blue
22.9	688.9	Shale Green
24.7	687.1	Shale Fractured Green
27.4	684.4	Sandstone
32.0	679.8	Coal Sandy
35.0	676.8	Shale Green
39.9	671.9	Sandstone
41.5	670.4	Shale Fractured
43.3	668.5	Sandstone Water Bearing
49.1	662.7	Shale Gray
54.3	657.6	Sandstone
58.2	653.6	Shale Gray
60.0	651.8	Sandstone
62.8	649.0	Shale Fractured Gray
64.9	646.9	Sandstone Fine Grained
65.5	646.3	Coal
66.4	645.4	Shale Green
68.0	643.8	Sandstone
78.6	633.2	Shale Fractured Gray
82.3	629.5	Sandstone
85.3	626.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NE 08-052-27 W4M**

Well Number **01365**

Well Owner: **Smith, Jim/Florette**

Elevation (AMSL) (m): **711**

AEP: **168560**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **70,056.83**

Date Started: **08 Sep 92**

Northing: **5,924,042.00**

Date Completed: **16 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.5**  
 Top (m): **32.0** Bottom (m): **50.3**  
 Perforated How: **Torch**  
 from (m): **32.0** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **12.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	702.1	Clay Sandy
15.9	695.4	Till Gray
21.3	690.0	Sand
23.2	688.1	Shale Blue
27.4	683.9	Shale & Sandstone Soft Gray
33.5	677.8	Shale Gray
35.4	675.9	Sandstone Gray
37.8	673.5	Shale Green
50.3	661.0	Shale & Sandstone Ledges Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-27 W4M**

Well Number **01366**

Well Owner: **Stupar, Lino**

Elevation (AMSL) (m): **712**

AEP: **245050**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,334.55**

Date Started: **27 Sep 94**

Northing: **5,923,521.00**

Date Completed: **27 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.8** Bottom (m): **34.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **34.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **33.2** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **34.8** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **35.0** Drawdown (m): **30.8**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	705.7	Clay Yellow
7.6	704.2	Clay Blue
20.7	691.1	Sand & Coal
23.8	688.0	Clay Blue
25.3	686.5	Sandstone
27.4	684.4	Shale Sandy Gray
30.5	681.3	Shale Brittle Green
32.0	679.8	Shale Sandy Gray
33.5	678.3	Shale Brittle Green
36.0	675.8	Shale Green
40.8	671.0	Shale Sandy Gray
42.7	669.1	Shale Green
45.7	666.1	Shale Sandy Gray
47.2	664.6	Shale Green
48.8	663.0	Shale Sandy Gray
49.7	662.1	Shale Green
50.6	661.2	Shale Sandy Gray
54.9	656.9	Shale Brittle Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-052-27 W4M**

Well Number **01367**

Well Owner: **Dunning, Jim**

Elevation (AMSL) (m): **712**

AEP: **153893**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,024.73**

Date Started: **30 Oct 90**

Northing: **5,924,308.50**

Date Completed: **31 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **19.8** Bottom (m): **51.8**  
 Perforated How: **Other**  
 from (m): **39.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **36.0**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **270.0**  
 Level End (m): **33.5** Drawdown (m): **32.0**  
 Rec'd intake (m): **35.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	711.1	Sand
5.5	706.5	Clay Brown
9.1	702.9	Clay Gray
12.8	699.2	Coal
13.1	698.9	Clay
13.7	698.3	Coal
14.0	698.0	Clay
15.9	696.2	Coal
17.1	694.9	Clay
19.5	692.5	Coal
21.6	690.4	Sandstone Gray
22.9	689.1	Shale Green
23.5	688.5	Sandstone Gray
24.4	687.6	Shale Green
28.0	684.0	Shale Gray
29.3	682.7	Sandstone Gray
30.2	681.8	Shale Gray
31.7	680.3	Limestone
33.2	678.8	Shale
35.0	677.0	Sandstone
36.9	675.1	Shale
40.5	671.5	Sandstone
42.7	669.3	Shale
46.3	665.7	Sandstone
48.2	663.8	Shale
48.8	663.2	Sandstone
51.8	660.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-27 W4M**

Well Number **01368**

Well Owner: **Meads, Ed**

Elevation (AMSL) (m): **715**

AEP: **169280**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **69,225.22**

Date Started: **23 Jul 92**

Northing: **5,924,014.00**

Date Completed: **23 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **24.4** to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **50.3**  
 Perforated How: **Saw**  
 from (m): **36.6** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Berkley**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **32.9**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	708.5	Silt Brown
13.7	700.9	Sand
24.4	690.2	Clay Blue
32.0	682.6	Shale Gray
36.6	678.0	Sandstone
41.2	673.5	Shale
47.2	667.4	Sandstone
50.3	664.3	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-27 W4M**

Well Number **01369**

Well Owner: **Wozny, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161656**  
 Easting: **69,544.22**  
 Northing: **5,923,737.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01370**

Well Owner: **Adams, Eric**

Elevation (AMSL) (m): **712**

AEP: **167365**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,285.83**

Date Started: **16 Jun 92**

Northing: **5,923,191.00**

Date Completed: **19 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **24.7** to **25.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Gould**  
 Model: **7g05422** Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **21.6**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	706.8	Clay Sandy Brown
7.9	703.8	Clay Green
8.2	703.5	Shale Green
12.8	698.9	Shale Green
14.0	697.7	Sandstone Gray
14.6	697.1	Shale Gray
15.5	696.1	Siltstone Gray
18.0	693.7	Sandstone Gray
20.4	691.3	Siltstone Light Green
23.2	688.5	Shale Green
23.8	687.9	Shale Gray
24.7	687.0	Sandstone Gray
25.3	686.4	Shale Green
28.0	683.6	Sandstone Gray
29.3	682.4	Shale Gray
30.2	681.5	Sandstone Gray
31.4	680.3	Shale Green
35.0	676.6	Shale Gray
35.4	676.3	Sandstone Gray
36.6	675.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01371**

Well Owner: **Baptiste, Gord**

Elevation (AMSL) (m): **714**

AEP: **152010**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,321.09**

Date Started: **23 Sep 89**

Northing: **5,922,927.50**

Date Completed: **24 Sep 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **23.8** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): **22.6** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **32.0** to **30.8** Size:  
 from (m): **38.4** to **41.8** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **37.2**

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	707.3			Clay Sandy Brown
11.9	701.8			Clay Gray
19.2	694.5			Shale Gray
30.2	683.6			Shale Green
32.0	681.7			Shale Gray
33.8	679.9			Sandstone
38.4	675.3			Shale Gray
41.8	672.0			Sandstone
42.7	671.1			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01372**

Well Owner: **Bergenstrom, J.**

Elevation (AMSL) (m): **714**

AEP: **229719**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,558.54**

Date Started: **24 Sep 93**

Northing: **5,923,068.50**

Date Completed: **28 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **19.5** to **21.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05422** Intake (m): **18.3**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **13.7**  
 Rec'd intake (m): **23.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	712.1	Sand Coarse Grained Brown
4.0	709.9	Clay Sandy Brown
6.4	707.5	Clay Brown
9.8	704.2	Clay Gray
11.0	702.9	Sand & Gravel
11.9	702.0	Shale Green
14.0	699.9	Sandstone
14.9	699.0	Coal
16.1	697.8	Sandstone
17.4	696.5	Shale Gray
19.5	694.4	Sandstone
25.0	688.9	Shale Green
28.7	685.3	Sandstone
31.4	682.5	Shale Fractured Gray
35.4	678.5	Sandstone
36.6	677.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 08-052-27 W4M**

Well Number **01373**

Well Owner: **Bouchard, Richard**

Elevation (AMSL) (m): **712**

AEP: **160256**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **70,402.20**

Date Started: **28 Aug 91**

Northing: **5,923,298.00**

Date Completed: **28 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.2** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **28.4**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **28.0** Bottom (m): **37.2**  
 Perforated How: **Saw**  
 from (m): **28.4** to **37.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **27.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **12.8**  
 Rec'd intake (m): **27.7** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	706.5	Sand Brown
14.3	697.7	Clay Blue
29.9	682.1	Shale
34.1	677.9	Sandstone
36.3	675.7	Shale
37.2	674.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01374**

Well Owner: **Bradburry, Doug**

Elevation (AMSL) (m): **715**

AEP: **169279**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,068.36**

Date Started: **02 Jul 92**

Northing: **5,922,853.50**

Date Completed: **02 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **24.4** to **25.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): **24.4** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Berkley**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **33.5**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	705.5			Clay Silty
12.2	702.4			Sand
21.3	693.3			Sandstone
25.9	688.7			Shale Green
33.5	681.1			Sandstone
38.1	676.5			Shale Gray
42.7	671.9			Sandstone
50.3	664.3			Shale Gray
51.8	662.8			Sandstone
54.9	659.8			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 08-052-27 W4M**

Well Number **01375**

Well Owner: **Bryoges, Brad**

Elevation (AMSL) (m): **714**

AEP: **166872**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,464.50**

Date Started: **23 Jun 92**

Northing: **5,923,064.00**

Date Completed: **24 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **22.9** to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **50.3**  
 Perforated How: **Saw**  
 from (m): **30.5** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **32.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	708.1			Clay
12.2	702.0			Sand
22.9	691.3			Shale Gray
27.4	686.8			Shale Green
33.5	680.7			Sandstone
47.2	666.9			Shale Gray
50.3	663.9			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01376**

Well Owner: **Buckley, B.**

Elevation (AMSL) (m): **713**

AEP: **157632**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,403.38**

Date Started: **03 Jun 91**

Northing: **5,923,112.00**

Date Completed: **06 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **19.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **45.7**  
 Perforated How: **Other**  
 from (m): **27.4** to **44.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **26.8**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **21.3** Drawdown (m): **17.1**  
 Rec'd intake (m): **26.8** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	713.1	Topsoil
4.9	708.5	Clay Sandy Brown
11.6	701.8	Clay Gray
13.1	700.3	Sandstone Greenish Gray
18.0	695.4	Shale Fine Grained Green
19.2	694.2	Sandstone Gray
20.7	692.7	Shale Clayey Gray
21.0	692.4	Siltstone
25.3	688.1	Shale Greenish Gray
25.6	687.8	Sandstone Gray
26.8	686.6	Shale Green
28.0	685.4	Sandstone Gray
29.3	684.1	Shale Green
34.1	679.3	Shale Brownish Gray
37.2	676.2	Shale Greenish Gray
37.8	675.6	Sandstone Gray
42.1	671.3	Shale Green
42.7	670.7	Siltstone Gray
43.0	670.4	Shale Brown
44.2	669.2	Sandstone Gray
45.7	667.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01377**

Well Owner: **Burant, Ken**

Elevation (AMSL) (m): **711**

AEP: **183100**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,298.76**

Date Started: **31 Aug 93**

Northing: **5,923,298.00**

Date Completed: **31 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **22.6** to **23.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.7** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **25.3** to **42.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **27.4** Drawdown (m): **21.9**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	710.8	Topsoil
3.4	708.1	Sand Brown
6.7	704.7	Till Brown
12.8	698.6	Clay Soft Blue
14.0	697.4	Sandstone Fine Grained Brown
14.9	696.5	Shale Green
21.0	690.4	Sandstone Fine Grained
22.3	689.2	Shale Green
23.2	688.3	Sandstone Medium Grained
25.3	686.1	Shale Green
33.2	678.2	Sandstone Medium Grained
35.7	675.8	Shale Green
37.2	674.3	Sandstone Medium Grained Light
38.4	673.0	Shale Light Green
39.6	671.8	Sandstone Fine Grained
40.2	671.2	Shale Gray
42.4	669.1	Sandstone Medium Grained
42.7	668.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01378**

Well Owner: **Country Classic Homes**

Elevation (AMSL) (m): **713**

AEP: **195422**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **70,364.59**

Date Started: **28 Apr 92**

Northing: **5,923,113.00**

Date Completed: **29 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **30.5** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): **31.7** Drawdown (m): **26.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	706.0	Clay Sandy
13.7	699.6	Clay Blue
21.3	692.0	Clay Blue
24.4	689.0	Shale Green
25.9	687.4	Shale Sandy
28.0	685.3	Shale Gray
29.9	683.5	Shale Brown
30.2	683.2	Sandstone Hard
35.7	677.7	Shale
36.0	677.4	Sandstone
36.6	676.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01379**

Well Owner: **Country Classic Homes**

Elevation (AMSL) (m): **714**

AEP: **238059**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,321.09**

Date Started: **04 Mar 93**

Northing: **5,922,927.50**

Date Completed: **04 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): **21.3** to **24.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **41.2**  
 Perforated How: **Machine**  
 from (m): **27.4** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **50.2** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **33.5**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	707.6	Clay Brown
10.7	703.1	Clay Blue
18.3	695.4	Shale
21.9	691.8	Sandstone
28.4	685.4	Shale Green
33.5	680.2	Sandstone
37.2	676.5	Shale Brown
41.2	672.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01380**

Well Owner: **Deering, Keith**

Elevation (AMSL) (m): **711**

AEP: **218436**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,357.53**

Date Started: **19 Jul 93**

Northing: **5,923,214.50**

Date Completed: **19 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **28.4** to **29.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.7** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **32.6** to **52.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **39.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	710.2	Topsoil
4.3	707.1	Till Sandy Brown
6.1	705.3	Clay Brown
12.8	698.6	Clay Soft Blue
14.0	697.4	Sandstone Fine Grained
16.5	694.9	Shale Green
20.1	691.3	Sandstone Fine Grained
22.6	688.9	Sandstone Medium Grained
25.3	686.1	Shale Green
29.3	682.1	Sandstone Fine Grained
31.4	680.0	Shale Green
34.8	676.7	Sandstone Medium Grained
39.3	672.1	Shale Green
42.1	669.3	Sandstone Medium Grained
44.8	666.6	Shale Greenish Gray
47.2	664.2	Sandstone Medium Grained
49.7	661.7	Shale Gray
52.1	659.3	Sandstone Medium Grained
54.9	656.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 08-052-27 W4M**

Well Number **01381**

Well Owner: **Delaney, Sandy**

Elevation (AMSL) (m): **712**

AEP: **158484**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,212.95**

Date Started: **03 May 89**

Northing: **5,923,107.50**

Date Completed: **04 May 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **22.9**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **30.5**  
 Perforated How:  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **540.0**  
 Level End (m): **18.3** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	709.0	Sand
6.1	705.7	Clay Brown
11.9	699.9	Clay Gray
18.9	692.9	Shale Green
19.5	692.2	Shale Brown
23.2	688.6	Shale Green
24.4	687.4	Shale Gray
29.3	682.5	Sandstone
30.5	681.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01382**

Well Owner: **Denis, Cameron**

Elevation (AMSL) (m): **714**

AEP: **185969**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,016.64**

Date Started: **11 Nov 92**

Northing: **5,922,860.50**

Date Completed: **11 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **25.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.3** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **61.0**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	712.9	Fill
4.6	709.6	Sand
7.9	706.2	Clay Wet
10.7	703.5	Sandstone Brown
12.8	701.3	Sandstone Gray
14.0	700.1	Shale Green
24.1	690.1	Sandstone Soft
25.9	688.2	Shale Green
27.7	686.4	Sandstone
36.0	678.2	Shale Green
39.0	675.1	Sandstone
45.7	668.4	Shale
52.4	661.7	Sandstone
58.2	655.9	Shale
63.1	651.0	Sandstone
63.7	650.4	Sandstone Hard
67.1	647.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01383**

Well Owner: **Hawryluk, Roger**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **714**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167576**  
 Easting: **70,321.09**  
 Northing: **5,922,927.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01384**

Well Owner: **Hawryluk, Roger**

Elevation (AMSL) (m): **712**

AEP: **167366**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,249.38**

Date Started: **11 Jun 92**

Northing: **5,923,154.50**

Date Completed: **15 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **22.9** to **24.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g05422** Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **170.0**  
 Level End (m): **24.4** Drawdown (m): **21.6**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	701.2	Clay Sandy Brown
16.5	695.4	Shale Green
18.0	693.9	Siltstone Gray
18.6	693.2	Sandstone Gray
19.5	692.3	Shale Fractured Green
21.9	689.9	Sandstone Soft Light Gray
22.9	689.0	Siltstone Gray
24.1	687.8	Shale Green
25.0	686.8	Sandstone Hard Gray
28.7	683.2	Shale Gray
29.3	682.6	Sandstone Gray
30.8	681.1	Shale Gray
34.8	677.1	Shale Green
35.4	676.5	Sandstone Gray
36.6	675.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01385**

Well Owner: **Hayman, Larry**

Elevation (AMSL) (m): **711**

AEP: **217782**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **70,217.65**

Date Started: **09 Jun 93**

Northing: **5,923,239.00**

Date Completed: **09 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **41.2**  
 Perforated How: **Saw**  
 from (m): **32.6** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **41.2**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **6.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	705.9	Sand Silty
13.7	697.4	Clay Sandy Yellow
21.6	689.5	Shale Brittle Green
26.2	684.9	Shale Green
31.4	679.7	Shale Gray
32.6	678.5	Sandstone
35.4	675.8	Shale Gray
37.8	673.3	Sandstone
39.9	671.2	Shale Green
41.2	670.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01386**

Well Owner: **Haywood, Linsay & Dave**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156711**  
 Easting: **70,346.95**  
 Northing: **5,923,294.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01387**

Well Owner: **Jackson, Brian**

Elevation (AMSL) (m): **716**

AEP: **197045**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,559.71**

Date Started: **14 Jul 94**

Northing: **5,922,860.50**

Date Completed: **14 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **32.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **32.0** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **16.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	706.7	Clay Silty Yellow
18.9	696.9	Sand & Coal Yellow
22.3	693.6	Clay Blue
25.9	689.9	Shale Green
30.5	685.3	Shale Sandy Gray
35.0	680.8	Shale Brittle Green
37.5	678.3	Shale Sandy Gray
40.5	675.3	Shale Green
47.2	668.6	Shale Sandy Gray
54.9	660.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01388**

Well Owner: **Janssens, Sid**

Elevation (AMSL) (m): **711**

AEP: **158933**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,250.56**

Date Started: **31 Jul 91**

Northing: **5,923,300.00**

Date Completed: **31 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): **23.5** to **23.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **25.3** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	710.1	Topsoil
4.9	706.1	Till Brown
7.0	704.0	Clay Soft Blue
10.4	700.6	Sand Gray
12.8	698.2	Clay Blue
13.7	697.3	Sandstone Fine Grained Brown
16.5	694.5	Shale Fractured Green
20.4	690.6	Sandstone Fine Grained
21.9	689.1	Shale Green
22.9	688.1	Sandstone Fine Grained Gray
25.0	686.0	Shale Green
27.7	683.3	Sandstone Medium Grained
29.9	681.1	Shale Gray
31.7	679.3	Sandstone Medium Grained
33.2	677.8	Shale Light Green
35.7	675.3	Sandstone Medium Grained
38.4	672.6	Shale Green
41.8	669.2	Sandstone Medium Grained
42.7	668.3	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 08-052-27 W4M**

Well Number **01389**

Well Owner: **Janssens, Sid/Maureen**

Elevation (AMSL) (m): **714**

AEP: **166873**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **70,321.09**

Date Started: **09 Jun 92**

Northing: **5,922,927.50**

Date Completed: **11 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **23.2** Bottom (m): **47.2**  
 Perforated How: **Saw**  
 from (m): **27.4** to **47.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **360.0**  
 Level End (m): **36.6** Drawdown (m): **32.9**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **18.2**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	710.7	Clay Hard
5.5	708.2	Clay Sandy
12.2	701.5	Clay Silty
16.8	697.0	Coal Sandy Gray
21.3	692.4	Sandstone
25.9	687.8	Shale Greenish Gray
27.4	686.3	Shale Sandy Gray
29.0	684.8	Sandstone Fine Grained
36.6	677.2	Shale Sandy Gray
40.2	673.5	Shale Green
42.7	671.1	Sandstone Fine Grained
45.7	668.0	Sandstone
47.2	666.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01390**

Well Owner: **Johnson, Romeo/Mary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **198298**  
 Easting: **70,254.09**  
 Northing: **5,923,292.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01391**

Well Owner: **Kaleta, David**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started: **24 Jul 91**  
 Date Completed: **29 Jul 91**  
 AEP: **161655**  
 Easting: **70,066.01**  
 Northing: **5,923,046.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): **54.9** to **61.0** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): **39.6** Drawdown (m): **36.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	696.6	Clay
17.4	693.0	Shale
17.7	692.7	Sandstone Hard
35.0	675.3	Shale
35.4	675.0	Shale Sandy
45.7	664.6	Shale
48.2	662.2	Shale Sandy
49.1	661.3	Shale
50.3	660.0	Shale Sandy
59.7	650.6	Shale
60.0	650.3	Sandstone
61.0	649.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01392**

Well Owner: **Knelson, AI**

Elevation (AMSL) (m): **712**

AEP: **158482**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **70,351.66**

Date Started: **02 Aug 85**

Northing: **5,923,155.50**

Date Completed: **02 Aug 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **18.3** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **240.0**  
 Level End (m): **33.5** Drawdown (m): **26.8**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	708.8	Sand
13.1	699.4	Silt Sandy
15.2	697.2	Shale Fractured
17.1	695.4	Sandstone Fractured
20.4	692.1	Shale Green
24.1	688.4	Sandstone Soft Gray
29.3	683.2	Shale Green
31.7	680.8	Sandstone Soft Gray
32.6	679.9	Sandstone Hard
34.8	677.7	Shale Green
36.3	676.2	Sandstone Soft Gray
36.6	675.9	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01393**

Well Owner: **Kosteck, Mike**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156712**  
 Easting: **70,183.56**  
 Northing: **5,923,067.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01394**

Well Owner: **Marks, Tim**

Elevation (AMSL) (m): **715**

AEP: **164462**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,476.26**

Date Started: **20 Feb 92**

Northing: **5,922,905.00**

Date Completed: **21 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **30.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **54.0**  
 Perforated How: **Machine**  
 from (m): **27.1** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **27.4**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	706.1	Clay Silty Yellow
12.2	703.1	Sand & Coal
14.3	701.0	Clay Blue
15.2	700.0	Shale Sandy Gray
25.9	689.4	Shale Brittle Green
32.0	683.3	Shale Green
33.5	681.7	Shale Sandy Gray
36.6	678.7	Shale Green
39.6	675.7	Shale Sandy Gray
45.7	669.6	Shale Green
48.8	666.5	Shale Sandy Gray
54.9	660.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01395**

Well Owner: **Marshall, Fred**

Elevation (AMSL) (m): **714**

AEP: **166871**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,113.03**

Date Started: **25 Jun 92**

Northing: **5,922,848.50**

Date Completed: **26 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **30.5** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **45.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	708.3			Clay Blue
13.7	700.7			Sand Blue
19.8	694.6			Shale Green
27.4	687.0			Shale Blue
33.5	680.9			Sandstone
49.4	665.0			Shale
54.9	659.5			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 08-052-27 W4M**

Well Number **01396**

Well Owner: **Mayer, Perry/Terry**

Elevation (AMSL) (m): **716**

AEP: **205386**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,650.23**

Date Started: **22 Apr 93**

Northing: **5,922,863.00**

Date Completed: **23 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **34.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **48.8**  
 Perforated How: **Hand Drill**  
 from (m): **36.0** to **43.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **32.0**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.6	715.2	Topsoil
4.9	710.9	Sand Brown
8.2	707.6	Till Brown
11.0	704.9	Clay Soft Blue
18.6	697.2	Sand & Coal Fine Grained Brown
21.0	694.8	Clay Blue
22.9	693.0	Sand Gray
23.8	692.1	Shale Gray
25.6	690.2	Sandstone Fine Grained
27.7	688.1	Shale Green
29.6	686.3	Shale Gray
33.2	682.6	Sandstone Medium Grained
36.0	679.9	Shale Green
39.0	676.8	Sandstone Medium Grained
40.8	675.0	Shale Green
43.6	672.2	Sandstone Medium Grained
48.8	667.1	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 08-052-27 W4M**

Well Number **01397**

Well Owner: **Mik, John**

Elevation (AMSL) (m): **716**

AEP: **141283**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,650.23**

Date Started: **13 Jul 94**

Northing: **5,922,871.00**

Date Completed: **14 Jul 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **32.0**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **32.0** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **30.5**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **17.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	707.2			Clay Silty Yellow
13.7	702.0			Clay Blue
16.1	699.6			Sand & Coal
22.3	693.5			Clay Blue
24.4	691.4			Shale Brittle Green
29.0	686.8			Shale Sandy Gray
30.2	685.6			Shale Green
32.0	683.7			Shale Sandy Gray
32.6	683.1			Shale Green
34.1	681.6			Shale Gray
38.1	677.6			Shale Sandy Gray
39.6	676.1			Shale Green
47.6	668.2			Shale Sandy Gray
50.3	665.5			Shale Gray
51.8	663.9			Shale Sandy Gray
54.9	660.9			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01398**

Well Owner: **Pohl, John**

Elevation (AMSL) (m): **714**

AEP: **217780**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **70,598.51**

Date Started: **21 Jul 93**

Northing: **5,923,081.50**

Date Completed: **22 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **19.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.9** Bottom (m): **45.7**  
 Perforated How: **Machine**  
 from (m): **42.7** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **41.2**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **19.5** Drawdown (m): **17.7**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.4	700.8	Clay & Sand
17.7	696.5	Shale Soft
19.2	695.0	Siltstone
27.4	686.8	Shale & Siltstone
29.6	684.6	Siltstone
31.7	682.5	Shale
33.5	680.7	Siltstone & Sandstone
35.0	679.2	Shale
39.0	675.2	Shale & Siltstone
40.2	674.0	Sandstone
41.8	672.4	Shale
42.7	671.5	Shale & Siltstone
43.0	671.2	Shale Brittle
44.5	669.7	Sandstone
45.7	668.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01399**

Well Owner: **Pool, Mel**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **714**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **198193**  
 Easting: **70,321.09**  
 Northing: **5,922,927.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01400**

Well Owner: **Riedlinger, Randy**

Elevation (AMSL) (m): **712**

AEP: **205388**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,432.76**

Date Started: **25 Sep 92**

Northing: **5,923,209.50**

Date Completed: **26 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **125.5** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **51.8**  
 Perforated How: **Hand Drill**  
 from (m): **29.9** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **51.8** Drawdown (m): **45.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	710.7	Sand
2.4	709.8	Clay Sandy Brown
5.2	707.1	Sand Brown
6.7	705.5	Clay Brown
13.1	699.1	Clay Gray
14.6	697.6	Sandstone Soft
15.9	696.4	Shale Green
22.6	689.7	Sandstone
29.9	682.4	Shale Green
33.5	678.7	Sandstone
35.4	676.9	Shale Green
36.6	675.7	Sandstone
39.9	672.3	Shale Green
41.8	670.5	Sandstone
43.3	669.0	Shale Green
46.9	665.3	Sandstone
49.7	662.6	Shale Gray
51.8	660.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01401**

Well Owner: **Robin, Keith**

Elevation (AMSL) (m): **714**

AEP: **185970**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,195.31**

Date Started: **10 Nov 92**

Northing: **5,922,841.50**

Date Completed: **11 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **25.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **48.8**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	0.9	713.4		Clay
	7.9	706.4		Sand
	10.7	703.7		Sandstone Soft Brown
	11.6	702.8		Shale Fractured
	12.8	701.6		Shale Green
	22.9	691.5		Sandstone Brown
	37.8	676.6		Shale Green
	40.8	673.5		Sandstone
	46.3	668.0		Shale Gray
	48.2	666.2		Sandstone
	50.6	663.8		Shale Gray
	54.9	659.5		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01402**

Well Owner: **Schoepp, Curtis**

Elevation (AMSL) (m): **714**

AEP: **238753**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,321.09**

Date Started: **28 Oct 93**

Northing: **5,922,927.50**

Date Completed: **28 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **21.6** to **24.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **26.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **36.6**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	709.2			Clay Brown
11.0	702.8			Clay Gray
13.1	700.6			Shale Blue
16.5	697.3			Sandstone
21.6	692.1			Shale Blue
26.5	687.2			Shale Green
31.1	682.6			Sandstone
32.0	681.7			Shale Green
39.0	674.7			Sandstone
42.7	671.1			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-052-27 W4M**

Well Number **01403**

Well Owner: **Schram, Herman**

Elevation (AMSL) (m): **713**

AEP: **218433**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,439.81**

Date Started: **30 Aug 93**

Northing: **5,923,153.00**

Date Completed: **30 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **27.4** to **28.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **51.8**  
 Perforated How: **Hand Drill**  
 from (m): **29.3** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **39.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	712.2	Topsoil
2.7	710.1	Sand Brown
6.4	706.4	Till Brown
12.2	700.6	Clay Soft Blue
13.4	699.4	Sand & Coal Fine Grained Gray
15.5	697.3	Clay Blue
16.8	696.1	Sandstone Medium Grained
17.4	695.4	Shale Fractured Gray
18.9	693.9	Sandstone Hard Brown
20.4	692.4	Sandstone Fine Grained
22.3	690.6	Shale Green
23.8	689.0	Sandstone Medium Grained
29.3	683.6	Shale Green
36.9	675.9	Sandstone Medium Grained
38.4	674.4	Shale Green
41.8	671.1	Sandstone Medium Grained
43.6	669.2	Shale Green
45.7	667.1	Sandstone Medium Grained
46.3	666.5	Shale Gray
47.6	665.3	Sandstone Medium Grained
49.7	663.1	Shale Gray
51.2	661.6	Sandstone Medium Grained
51.8	661.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01404**

Well Owner: **Tetzlaff, Gary**

Elevation (AMSL) (m): **712**

AEP: **158483**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,429.23**

Date Started: **07 Apr 89**

Northing: **5,923,263.50**

Date Completed: **10 Apr 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **27.4** Bottom (m): **49.4**  
 Perforated How: **Machine**  
 from (m): **27.4** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	710.5	Sand Brown
7.0	705.0	Clay Yellow
14.3	697.7	Clay Blue
15.9	696.2	Shale Sandy Gray
17.4	694.6	Shale Gray
19.2	692.8	Shale Green
24.7	687.3	Shale Sandy Gray
30.5	681.5	Shale Green
33.8	678.2	Shale Sandy Gray
35.4	676.6	Shale Green
38.1	673.9	Shale Sandy Gray
39.9	672.1	Shale Green
43.6	668.4	Shale Sandy Gray
44.8	667.2	Shale Green
48.2	663.8	Shale Sandy Gray
50.3	661.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 08-052-27 W4M**

Well Number **01405**

Well Owner: **Thompson, John**

Elevation (AMSL) (m): **711**

AEP: **163062**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **70,040.15**

Date Started: **22 Jul 91**

Northing: **5,922,994.50**

Date Completed: **23 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **29.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	700.5	Clay Sandy
15.5	695.0	Clay Blue
33.2	677.3	Shale
36.0	674.6	Shale Sandy
41.5	669.1	Shale
42.1	668.5	Sandstone
42.7	667.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-27 W4M**

Well Number **01406**

Well Owner: **Thompson, Mel**

Elevation (AMSL) (m): **711**

AEP: **254277**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **70,029.57**

Date Started: **14 Jul 93**

Northing: **5,923,055.50**

Date Completed: **15 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **36.6**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **33.2** Drawdown (m): **28.7**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	705.4			Clay Sandy
16.5	694.1			Clay Blue
17.7	692.9			Shale Green
22.3	688.3			Shale Sandy Gray
22.9	687.7			Shale Green
26.2	684.3			Shale Sandy Gray
32.3	678.2			Shale Gray
32.9	677.6			Shale Green
33.2	677.3			Sandstone
35.0	675.5			Shale Sandy
40.8	669.7			Shale
41.2	669.4			Sandstone
42.7	667.9			Shale Sandy Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 09-052-27 W4M**

Well Number **01407**

Well Owner: **Adamack, Bill**

Elevation (AMSL) (m): **714**

AEP: **162095**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **71,369.93**

Date Started: **29 Jun 83**

Northing: **5,923,474.00**

Date Completed: **29 Jun 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **14.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **39.6**  
 Perforated How: **Torch**  
 from (m): **15.2** to **37.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **1/2 Hp** Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **41.1** Time (minute): **240.0**  
 Level End (m): **35.0** Drawdown (m): **25.0**  
 Rec'd intake (m): **34.4** Rec'd Rate (lpm): **41.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	709.5	Clay
7.6	706.8	Silt Sandy
10.4	704.0	Sand & Coal
12.5	701.9	Sandstone Gray
19.5	694.9	Shale Green
20.1	694.3	Sandstone Soft
23.8	690.6	Shale Greenish Gray
24.4	690.0	Sandstone Soft
28.0	686.4	Shale Green
32.0	682.4	Sandstone Soft Gray
36.0	678.4	Shale Green
39.0	675.4	Sandstone Soft Gray
39.6	674.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-052-27 W4M**

Well Number **01408**

Well Owner: **Conners, D.**

Elevation (AMSL) (m): **712**

AEP: **152074**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **71,095.85**

Date Started: **29 May 90**

Northing: **5,923,857.00**

Date Completed: **31 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **16.1** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **59.4**  
 Perforated How: **Machine**  
 from (m): **47.2** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **36.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	705.3	Clay
16.1	695.9	Coal
17.4	694.6	Shale
18.3	693.7	Unknown
19.8	692.2	Sandstone
29.3	682.7	Shale
30.2	681.8	Sandstone
34.4	677.6	Shale
34.8	677.3	Sandstone
37.2	674.8	Shale
39.6	672.4	Sandstone
39.9	672.1	Shale
41.5	670.6	Sandstone
51.8	660.2	Sandstone
52.4	659.6	Shale
53.3	658.7	Shale & Coal
55.5	656.5	Shale Green
57.0	655.0	Sandstone
61.0	651.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-052-27 W4M**

Well Number **01409**

Well Owner: **Pekarchik, Harold**

Elevation (AMSL) (m): **714**

AEP: **185971**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **71,202.44**

Date Started: **12 Nov 92**

Northing: **5,923,589.50**

Date Completed: **12 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **19.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **30.5**  
 Perforated How: **Hand Drill**  
 from (m): **21.3** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	707.2	Sand
12.8	701.1	Clay Sandy
15.9	698.1	Sand & Coal
21.3	692.6	Shale Green
23.8	690.1	Shale Gray
26.5	687.4	Sandstone
30.5	683.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-052-27 W4M**

Well Number **01410**

Well Owner: **Tucker, Rick & Lynn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156713**  
 Easting: **71,088.24**  
 Northing: **5,923,797.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 09-052-27 W4M**

Well Number **01411**

Well Owner: **Vankampen, Mr. & Mrs. J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156714**  
 Easting: **71,088.24**  
 Northing: **5,923,797.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-052-27 W4M**

Well Number **01412**

Well Owner: **Guinn, Janet/Fairbanks,Bria**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156715**  
 Easting: **72,776.50**  
 Northing: **5,923,561.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:                      Intake (m):  
**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<p><b>(No Lithologic Information Available)</b></p>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**13-11-052-27 W4M**

Well Number **01413**

Well Owner: **Hatch, G.**

Elevation (AMSL) (m): **712**

AEP: **187336**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **74,044.02**

Date Started: **01 Oct 92**

Northing: **5,923,990.50**

Date Completed: **06 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **90.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **36.6** to **39.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **90.8**  
 Perforated How: **Saw**  
 from (m): **72.5** to **90.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jacuzzi**  
 Model: **7s4518p** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **73.2** Drawdown (m): **61.0**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	706.7	Sand Silty Brown
18.9	692.6	Clay Gray
23.8	687.8	Sand Fine Grained Gray
24.7	686.8	Sand & Gravel Coarse Grained
29.6	682.0	Till & Clay Gray
32.3	679.2	Shale Green
32.9	678.6	Coal
35.4	676.2	Sandstone Gray
36.6	675.0	Siltstone Gray
39.6	671.9	Shale Green
57.9	653.6	Shale Gray
59.4	652.1	Sandstone Green
63.1	648.4	Shale & Coal Brown
67.4	644.2	Shale Gray
68.0	643.6	Sandstone Gray
79.2	632.3	Shale & Coal Brownish Gray
90.8	620.7	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-052-27 W4M**

Well Number **01414**

Well Owner: **Detlefsen, Dave/Susan**

Elevation (AMSL) (m): **710**

AEP: **196318**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,169.55**

Date Started: **15 Aug 94**

Northing: **5,923,818.00**

Date Completed: **16 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **84.4** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **57.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **83.5**  
 Perforated How: **Saw**  
 from (m): **57.9** to **83.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **S5p4c02tl-02** Intake (m): **64.0**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **56.7**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.5	708.7	Clay Black
6.1	704.1	Clay Yellow
21.3	688.9	Clay Blue
21.9	688.2	Gravel & Boulders
28.0	682.1	Claystone Blue
35.0	675.1	Sand
38.1	672.1	Shale Green
54.9	655.3	Sand & Shale Green
56.1	654.1	Gravel
57.9	652.3	Shale Brownish Gray
59.4	650.8	Shale Green
60.7	649.5	Shale Gray
69.2	641.0	Shale Sandy Gray
71.6	638.6	Shale Gray
73.2	637.0	Shale Sandy Gray
74.1	636.1	Shale Brown
76.2	634.0	Shale Gray
78.3	631.9	Shale Brown
79.8	630.3	Shale Sandy Gray
80.8	629.4	Shale Light Brown
82.6	627.6	Shale Sandy Gray
84.4	625.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-052-27 W4M**

Well Number **01415**

Well Owner: **Brochu, Sheila**

Elevation (AMSL) (m): **710**

AEP: **244769**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **74,171.69**

Date Started: **29 Sep 94**

Northing: **5,923,737.50**

Date Completed: **29 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **85.3** (m)  
 NPWL (m): **36.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **57.9** to **60.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.3** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **61.0** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **24.1**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **31.9**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	703.3	Sand Brown
11.6	698.8	Till Blue
20.4	689.9	Sand Brown
25.6	684.7	Till Blue
31.4	678.9	Sand Brown
36.0	674.4	Till Blue
59.1	651.2	Sand Brown
60.0	650.3	Gravel
65.2	645.1	Sandstone Medium Grained
65.5	644.8	Siltstone Brown
66.8	643.6	Shale Light Brown
67.4	643.0	Coal
69.2	641.1	Shale Brown
80.2	630.2	Sandstone Medium Grained
81.7	628.7	Shale Brown
82.6	627.7	Shale Brown
84.4	625.9	Sandstone Medium Grained
85.3	625.0	Shale Fractured Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-052-27 W4M**

Well Number **01416**

Well Owner: **Morton, Darwin/Marie**

Elevation (AMSL) (m): **710**

AEP: **185972**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **74,171.69**

Date Started: **06 Jul 92**

Northing: **5,923,737.50**

Date Completed: **06 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.3** Bottom (m): **73.2**  
 Perforated How: **Hand Drill**  
 from (m): **51.8** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **53.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	704.8	Sand
10.1	700.3	Clay Gray
23.2	687.2	Sand Silty Gray
24.7	685.6	Gravel
26.5	683.8	Clay
27.4	682.9	Sand & Gravel
28.4	682.0	Clay
28.7	681.7	Coal
32.0	678.3	Clay
42.4	668.0	Sandstone
44.8	665.5	Shale Gray
45.7	664.6	Sandstone
51.5	658.8	Shale Brown
52.1	658.2	Coal
53.3	657.0	Shale Brown
54.0	656.4	Shale Green
54.3	656.1	Coal
55.5	654.9	Sandstone
57.6	652.7	Shale Gray
58.2	652.1	Sandstone
59.4	650.9	Shale Brown
69.8	640.5	Sandstone
73.2	637.2	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-052-27 W4M**

Well Number **01417**

Well Owner: **Arends, Hans**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **709**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186744**  
 Easting: **74,132.77**  
 Northing: **5,922,651.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-052-27 W4M**

Well Number **01418**

Well Owner: **Keltie Farms**

Elevation (AMSL) (m): **717**

AEP: **156186**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,267.77**

Date Started: **11 Mar 91**

Northing: **5,925,649.50**

Date Completed: **13 Mar 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **29.9** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **23.8** to **25.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	706.0	Clay Sandy Yellow
18.3	698.3	Clay Sandy Brown
24.1	692.5	Clay Sandy Gray
25.3	691.3	Sand Gray
27.7	688.9	Sand & Gravel
29.3	687.4	Clay & Rocks Blue
29.9	686.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-052-27 W4M**

Well Number **01419**

Well Owner: **Netzlaff, Art**

Elevation (AMSL) (m): **709**

AEP: **278943**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **75,206.30**

Date Started: **09 Nov 95**

Northing: **5,924,412.00**

Date Completed: **10 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **57.9** to **80.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **82.0**

**Testing:**  
 Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **68.9** Drawdown (m): **58.8**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	703.6	Clay Sandy Yellow
23.2	685.9	Clay Sandy Blue
24.7	684.4	Sand
29.9	679.2	Clay Blue
32.0	677.1	Sand & Gravel
36.9	672.2	Clay Blue
38.4	670.7	Shale Green
39.3	669.8	Sandstone
51.2	657.9	Shale Gray
52.4	656.7	Sandstone
57.6	651.5	Shale Gray
58.5	650.6	Sandstone
59.1	650.0	Shale & Coal Brown
67.4	641.7	Shale Gray
71.9	637.2	Sandstone
74.7	634.4	Shale Gray
79.8	629.2	Sandstone
82.0	627.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 15-052-27 W4M**

Well Number **01420**

Well Owner: **W.Sopher Const.**

Elevation (AMSL) (m): **712**

AEP: **166368**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **73,853.55**

Date Started: **08 Apr 92**

Northing: **5,925,253.50**

Date Completed: **10 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **98.1** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **72.5** Bottom (m): **72.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **72.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **72.2** Bottom (m): **98.1**  
 Perforated How: **Saw**  
 from (m): **72.2** to **84.4** Size:  
 from (m): **92.1** to **98.1** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **71.6**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	701.0	Clay Silty
15.9	696.2	Sand Silty
22.9	689.1	Sand
29.3	682.7	Sand & Coal
34.1	677.9	Till
36.0	676.0	Till & Rocks
41.2	670.9	Till
51.2	660.8	Shale Sandy Green
58.8	653.2	Sand & Coal
60.7	651.4	Till
61.9	650.1	Gravel
75.3	636.7	Shale Gray
75.9	636.1	Coal
78.6	633.4	Shale Light Brown
81.1	630.9	Sandstone Gray
85.3	626.7	Shale Green
86.9	625.1	Sandstone Gray
93.6	618.4	Shale Green
97.8	614.2	Sandstone Gray
98.1	613.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 15-052-27 W4M**

Well Number **01421**

Well Owner: **Bymoan, Mickey**

Elevation (AMSL) (m): **710**

AEP: **238754**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,752.43**

Date Started: **01 May 94**

Northing: **5,925,489.50**

Date Completed: **01 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **42.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **42.7** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **58.5**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **43.6** Drawdown (m): **39.0**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	704.1			Clay Yellow
17.1	692.9			Clay Blue
32.3	677.6			Sand
32.9	677.0			Clay Blue
36.9	673.1			Shale Green
40.2	669.7			Sandstone
43.0	667.0			Shale Green
45.1	664.8			Sandstone
49.4	660.6			Shale Green
56.1	653.9			Sandstone
56.7	653.2			Coal
58.5	651.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 15-052-27 W4M**

Well Number **01422**

Well Owner: **Stoesz, Vern**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **165960**  
 Easting: **72,355.34**  
 Northing: **5,925,565.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-052-27 W4M**

Well Number **01423**

Well Owner: **Campbell, Bill**

Elevation (AMSL) (m): **713**

AEP: **258732**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **73,522.19**

Date Started: **12 Jun 95**

Northing: **5,924,627.00**

Date Completed: **13 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **9.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **33.2** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **McDonald** Intake (m): **39.6**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **23.8**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	705.4	Clay Sandy Yellow
22.3	690.8	Clay Blue
23.5	689.5	Sand Coarse Grained
24.1	688.9	Clay Yellow
26.2	686.8	Sand & Shale
27.7	685.3	Shale Green
30.5	682.5	Shale Sandy Gray
36.6	676.4	Shale Green
40.5	672.5	Shale Sandy Gray
50.3	662.7	Shale Gray
57.9	655.1	Shale Sandy Gray
59.4	653.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-052-27 W4M**

Well Number **01424**

Well Owner: **Burzminski, Mrs. H.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161657**  
 Easting: **70,878.32**  
 Northing: **5,925,691.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-052-27 W4M**

Well Number **01425**

Well Owner: **Matheos, Peter**

Elevation (AMSL) (m): **712**

AEP: **200009**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,878.32**

Date Started: **26 Oct 93**

Northing: **5,925,691.00**

Date Completed: **27 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **35.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **95.8** Time (minute): **420.0**  
 Level End (m): **22.9** Drawdown (m): **15.2**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **95.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	710.6			Sand Yellow
7.9	703.9			Clay Yellow
21.9	689.9			Clay Blue
22.9	689.0			Clay & Sand
36.6	675.3			Sand
38.1	673.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 16-052-27 W4M**

Well Number **01426**

Well Owner: **Matheos, Peter**

Elevation (AMSL) (m): **712**

AEP: **228245**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,878.32**

Date Started: **25 Oct 93**

Northing: **5,925,691.00**

Date Completed: **26 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **38.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **36.9** Bottom (m): **73.5**  
 Perforated How: **Saw**  
 from (m): **36.9** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **47.2** Drawdown (m): **32.0**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	710.3	Sand Yellow
7.6	704.2	Clay Yellow
23.2	688.7	Clay Blue
27.4	684.4	Clay & Sand
29.0	682.9	Sand Green
37.5	674.4	Sand
46.0	665.8	Shale Green
51.5	660.3	Shale Sandy Gray
53.3	658.5	Shale Green
54.9	657.0	Shale Gray
55.8	656.1	Shale Brown
59.1	652.7	Shale Gray
60.7	651.2	Shale Brown
62.5	649.4	Shale Gray
64.0	647.8	Shale Brown
64.6	647.2	Coal
65.2	646.6	Shale Brown
67.1	644.8	Shale Green
68.3	643.6	Shale Brown
71.0	640.8	Shale Sandy Gray
72.8	639.0	Shale Gray
74.4	637.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-27 W4M**

Well Number **01427**

Well Owner: **Delaney, Robert**

Elevation (AMSL) (m): **713**

AEP: **160451**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,096.20**

Date Started: **01 Nov 91**

Northing: **5,924,595.50**

Date Completed: **04 Nov 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **31.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **29.3** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **29.3** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	703.7	Clay Sandy Yellow
16.8	696.1	Clay Blue
19.8	693.1	Sand & Coal
23.8	689.1	Clay Blue
25.9	687.0	Shale Green
29.9	683.0	Shale Silty Gray
33.5	679.4	Shale Hard Green
35.0	677.8	Shale Sandy Gray
36.6	676.3	Shale Green
39.6	673.3	Shale Sandy Gray
50.3	662.6	Shale Green
53.3	659.5	Shale Sandy Gray
54.9	658.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 16-052-27 W4M**

Well Number **01428**

Well Owner: **Liviniuk, George**

Elevation (AMSL) (m): **713**

AEP: **195424**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **71,096.20**

Date Started: **25 Sep 92**

Northing: **5,924,595.50**

Date Completed: **26 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.3** Bottom (m): **48.2**  
 Perforated How: **Machine**  
 from (m): **42.1** to **48.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **31.1** Drawdown (m): **21.0**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
8.5	704.4		Sand
18.3	694.6		Clay
21.3	691.6		Sand
22.9	690.0		Clay
25.6	687.3		Shale Green
27.7	685.1		Sandstone Hard
29.6	683.3		Shale Sandy
36.0	676.9		Sandstone Hard
47.6	665.3		Shale Gray
48.2	664.7		Sandstone
48.8	664.1		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27



**SW 16-052-27 W4M**

Well Number **01429**

Well Owner: **Lytviak, Susan**

Elevation (AMSL) (m): **714**

AEP: **187055**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,052.04**

Date Started: **30 May 89**

Northing: **5,924,718.00**

Date Completed: **31 May 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **131.6** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **26.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **26.2** Bottom (m): **46.0**  
 Perforated How: **Machine**  
 from (m): **26.2** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	707.9	Clay Yellow
13.7	700.3	Clay Blue
22.9	691.2	Sand & Coal
24.1	690.0	Clay Blue
24.7	689.4	Clay Yellow
26.8	687.2	Shale Green
28.4	685.7	Sandstone
32.9	681.1	Shale Green
33.5	680.5	Shale Sandy Gray
34.8	679.3	Shale Green
35.7	678.4	Shale Sandy Gray
39.0	675.0	Shale Green
42.7	671.4	Sandstone
46.9	667.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-27 W4M**

Well Number **01430**

Well Owner: **Millar, Lawrence**

Elevation (AMSL) (m): **713**

AEP: **186315**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **71,143.93**

Date Started: **22 Apr 93**

Northing: **5,924,911.50**

Date Completed: **22 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **31.4** to **32.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **48.8**  
 Perforated How: **Hand Drill**  
 from (m): **34.1** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **39.6** Drawdown (m): **27.4**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	707.9	Sand Brown
7.9	705.1	Till Brown
13.1	700.0	Till Blue
25.0	688.1	Sand & Coal Gray
29.0	684.1	Clay Blue
29.6	683.5	Gravel
31.1	682.0	Clay Brownish Yellow
34.1	678.9	Shale Green
36.9	676.2	Sandstone Fine Grained
39.3	673.7	Shale Light Green
47.6	665.5	Sandstone Medium Grained
48.8	664.3	Shale Fractured Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-27 W4M**

Well Number **01431**

Well Owner: **Skalicky, Lloyd**

Elevation (AMSL) (m): **713**

AEP: **238061**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **71,096.20**

Date Started: **17 Apr 93**

Northing: **5,924,595.50**

Date Completed: **17 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **54.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jacuzzi**

Model: **13 St** Intake (m): **54.9**

**Testing:**

Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **51.5**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	712.3	Till
9.1	703.7	Clay Silty Brown
15.9	697.0	Clay Blue
22.9	690.0	Sand
27.4	685.5	Shale Gray
33.8	679.1	Shale Blue
40.2	672.7	Shale Gray
40.8	672.0	Coal
47.6	665.3	Shale Gray
57.6	655.3	Shale Brown
59.7	653.1	Sandstone
60.4	652.5	Shale Gray
64.0	648.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-27 W4M**

Well Number **01432**

Well Owner: **Stephens, Gary**

Elevation (AMSL) (m): **714**

AEP: **153157**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,293.10**

Date Started: **15 Oct 90**

Northing: **5,924,811.50**

Date Completed: **15 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **44.8**  
 Perforated How: **Machine**  
 from (m): **29.6** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	706.2	Clay Yellow
18.6	695.2	Clay Blue
22.9	690.9	Sand & Coal
23.5	690.3	Clay Blue
24.4	689.4	Shale Brown
25.6	688.2	Sand & Coal
27.1	686.7	Clay & Rocks Blue
29.6	684.2	Clay Yellow
31.1	682.7	Shale Sandy Gray
32.3	681.5	Shale Green
34.8	679.0	Shale Sandy Gray
38.4	675.4	Shale Green
42.7	671.1	Shale Sandy Gray
45.7	668.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-052-27 W4M**

Well Number **01433**

Well Owner: **Belrose, Pat**

Elevation (AMSL) (m): **711**

AEP: **157622**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **70,212.88**

Date Started: **12 Jun 91**

Northing: **5,925,442.00**

Date Completed: **14 Jun 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.4** Bottom (m): **50.3**  
 Perforated How: **Torch**  
 from (m): **35.4** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **45.7**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **18.3**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	708.1			Clay See Comments
18.9	692.3			Till Sandy
23.5	687.7			Sand & Gravel
25.0	686.2			Shale Gray
31.1	680.1			Shale Blue Gray
37.2	674.0			Shale & Sandstone Ledges Gray
40.8	670.4			Sandstone Gray
43.9	667.3			Shale Gray
47.6	663.6			Sandstone Gray
50.3	660.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 17-052-27 W4M**

Well Number **01434**

Well Owner: **Campbell, Bill Site #11**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **713**                      AEP: **150898**  
 Licence No.:    Easting: **70,529.30**  
 Date Started: **23 Apr 90**                      Northing: **5,925,223.50**  
 Date Completed: **23 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **4.6**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.8**                      Bottom (m): **19.8**  
 OD (mm): **141.2**                      Thickness (mm): **0.0**  
 Seal Type:  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **19.8**                      to **21.3**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **420.0**  
 Level End (m): **7.6**                      Drawdown (m): **3.1**  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	705.0	Clay Yellow
15.2	697.4	Clay Blue
21.3	691.3	Coal Sandy
25.9	686.8	Stones Clayey Blue
27.4	685.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-052-27 W4M**

Well Number **01435**

Well Owner: **Hay, Gordon**

Elevation (AMSL) (m): **711**

AEP: **158485**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,073.50**

Date Started: **07 Oct 82**

Northing: **5,925,073.00**

Date Completed: **08 Oct 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **30.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **30.8** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **35.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

8.2	702.8	Clay Yellow
19.5	691.5	Clay Blue
21.6	689.4	Sand & Coal
27.4	683.6	Clay & Rocks Blue
28.7	682.4	Shale Gray
29.3	681.7	Shale Light Gray
32.9	678.1	Shale Soft Greenish Gray
33.5	677.5	Shale Sandy Gray
34.1	676.9	Sandstone
35.0	676.0	Shale Sandy Gray
43.9	667.1	Shale Greenish Gray
45.7	665.3	Shale Sandy Gray
50.3	660.7	Shale Gray
51.8	659.2	Shale Sandy Gray
53.3	657.7	Shale Gray
56.4	654.6	Shale Sandy Gray
57.6	653.4	Shale Gray
59.1	651.9	Shale Sandy Gray
62.2	648.8	Shale Gray
63.1	647.9	Shale & Coal Brown
63.4	647.6	Coal
65.2	645.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-052-27 W4M**

Well Number **01436**

Well Owner: **Krygsveld, W.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **164707**  
 Easting: **70,286.34**  
 Northing: **5,925,645.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 17-052-27 W4M**

Well Number **01437**

Well Owner: **O'Brien, Gerry**

Elevation (AMSL) (m): **711**

AEP: **218200**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **70,391.81**

Date Started: **29 Nov 77**

Northing: **5,925,440.00**

Date Completed: **30 Nov 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Packer & Puddled Cla**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **24.4** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **26.8** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	706.4	Clay & Sand
24.4	686.6	Sand
25.6	685.4	Sandstone Hard
29.9	681.1	Sand & Sandstone
35.0	676.0	Shale
48.8	662.2	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-052-27 W4M**

Well Number **01438**

Well Owner: **Ripco, Paul**

Elevation (AMSL) (m): **711**

AEP: **167026**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,043.36**

Date Started: **15 Jun 92**

Northing: **5,925,630.50**

Date Completed: **17 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **67.1** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **5g05422** Intake (m): **67.1**

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **61.0**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5	705.5	Clay Brown
17.1	693.9	Clay Gray
25.0	686.0	Sand & Coal
27.1	683.9	Clay Gray
29.0	682.1	Shale Green
29.9	681.1	Sandstone
34.1	676.9	Shale Green
40.8	670.2	Shale & Sandstone Ledges Gree
43.9	667.1	Shale Brown
45.4	665.6	Sandstone
46.6	664.4	Shale Brown
47.9	663.2	Sandstone
49.7	661.3	Shale Brown
56.1	654.9	Sandstone
61.3	649.7	Shale Brown
64.3	646.7	Sandstone Hard
70.7	640.3	Shale Gray
75.0	636.0	Sandstone
80.2	630.8	Shale Brown
89.0	622.0	Sandstone
89.9	621.1	Coal
91.4	619.6	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-052-27 W4M**

Well Number **01439**

Well Owner: **Shutz, Harvey**  
 Drilling Contractor: *Summers, David Drilling*

Elevation (AMSL) (m): **709**  
 Licence No.:  
 Date Started: **27 Jul 94**  
 Date Completed: **28 Jul 94**  
 AEP: **112509**  
 Easting: **70,393.70**  
 Northing: **5,925,645.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **45.1**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	698.2	Clay Silty
22.9	686.1	Sand
33.5	675.4	Shale Green
34.4	674.5	Shale Gray
36.0	673.0	Sandstone
43.3	665.6	Shale Gray
49.4	659.5	Shale Green
54.6	654.4	Sandstone
54.9	654.1	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 17-052-27 W4M**

Well Number **01440**

Well Owner: **Horsley, Brad**

Elevation (AMSL) (m): **712**

AEP: **260128**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,155.09**

Date Started: **27 Aug 95**

Northing: **5,924,313.00**

Date Completed: **27 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **25.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **25.3** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.8**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **13.1**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.3	711.7	Topsoil Black
6.1	705.9	Clay Yellow
10.7	701.3	Clay Soft Brown
12.2	699.8	Sand & Coal Fine Grained
14.0	698.0	Clay Silty Blue
15.2	696.8	Clay & Sand Fine Grained Blue
17.7	694.3	Sand Fine Grained
19.8	692.2	Clay Blue
21.9	690.1	Shale Gray
23.8	688.2	Shale Green
24.4	687.6	Shale Sandy Gray
24.7	687.3	Shale Light Gray
25.3	686.7	Shale Sandy Gray
26.8	685.2	Shale Green
31.7	680.3	Shale Sandy Gray
32.9	679.1	Shale Gray
33.8	678.2	Shale Green
34.8	677.3	Shale Sandy Gray
36.3	675.7	Shale Green
36.6	675.4	Shale Gray
38.1	673.9	Shale Brittle Green
39.3	672.7	Shale Sandy Gray
43.0	669.0	Shale Gray
43.6	668.4	Shale Green
47.2	664.8	Shale Sandy Gray
50.3	661.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 17-052-27 W4M**

Well Number **01441**

Well Owner: **Pine Valley Carriers**

Elevation (AMSL) (m): **713**

AEP: **154848**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,359.00**

Date Started: **26 Nov 90**

Northing: **5,924,531.00**

Date Completed: **29 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **37.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **50.2** Time (minute): **1440.0**  
 Level End (m): **13.7** Drawdown (m): **7.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	706.9	Sand
17.1	695.9	Clay & Silt Blue
22.9	690.2	Sand & Gravel
27.4	685.6	Shale Gray
38.1	674.9	Shale Green
44.2	668.8	Shale Gray
46.9	666.1	Siltstone Gray
47.9	665.2	Sandstone Gray
53.0	660.0	Shale Gray
58.5	654.5	Sandstone Gray
59.7	653.3	Shale Gray
64.0	649.0	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-052-27 W4M**

Well Number **01442**

Well Owner: **Godwin, Bruce**

Elevation (AMSL) (m): **711**

AEP: **154352**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **69,653.92**

Date Started: **23 Jun 82**

Northing: **5,924,443.50**

Date Completed: **29 Jun 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.3** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **39.3** Bottom (m): **39.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Welded Ring**  
 from (m): to **22.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **39.3**  
 Perforated How: **Torch**  
 from (m): **22.9** to **39.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **36.6** Drawdown (m): **32.0**  
 Rec'd intake (m): **36.0** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	705.5	Clay Sandy
16.8	694.2	Silt Sandy
20.7	690.3	Sand & Coal
22.3	688.8	Till
24.7	686.3	Shale Green
27.1	683.9	Sandstone Soft
29.0	682.1	Shale
33.5	677.5	Shale Sandy Gray
35.0	676.0	Shale
39.3	671.7	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-052-27 W4M**

Well Number **01443**

Well Owner: **Hancock, Robert**

Elevation (AMSL) (m): **716**

AEP: **152946**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **69,359.15**

Date Started: **26 Sep 90**

Northing: **5,924,688.00**

Date Completed: **26 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **35.0** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	710.3	Clay Yellow
7.6	708.1	Clay Sandy Blue
11.0	704.8	Sand
26.5	689.2	Shale Green
27.7	688.0	Sandstone
35.7	680.1	Shale Green
36.9	678.9	Sandstone
45.1	670.6	Shale Greenish Gray
46.0	669.7	Sandstone
55.8	660.0	Shale Gray
63.7	652.1	Sandstone
67.1	648.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-052-27 W4M**

Well Number **01444**

Well Owner: **Robinson, Len**

Elevation (AMSL) (m): **715**

AEP: **167891**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **69,290.51**

Date Started: **24 Jun 92**

Northing: **5,924,276.00**

Date Completed: **26 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.4** Bottom (m): **35.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **34.1** to **35.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **36.6** to **42.7** Size:  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g05422** Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **31.9**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	709.3	Clay Brown
11.9	702.9	Clay Gray
20.1	694.7	Sand & Coal Gray
21.6	693.2	Shale Green
22.6	692.3	Shale Gray
23.2	691.6	Siltstone Gray
23.8	691.0	Sandstone Hard Green
25.6	689.2	Shale Green
27.1	687.7	Sandstone Soft Gray
27.4	687.4	Limestone
28.4	686.5	Siltstone Gray
31.1	683.7	Sandstone Gray
32.9	681.9	Shale Gray
34.4	680.4	Sandstone Gray
36.0	678.8	Shale Gray
36.6	678.2	Sandstone Gray
41.5	673.4	Shale Gray
45.1	669.7	Sandstone
46.0	668.8	Shale Gray
47.9	667.0	Sandstone Gray
49.1	665.7	Shale Gray
49.7	665.1	Sandstone Gray
54.9	659.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 18-052-27 W4M**

Well Number **01445**

Well Owner: **Gravelle, Alice**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161658**  
 Easting: **68,315.73**  
 Northing: **5,925,070.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-052-27 W4M**

Well Number **01446**

Well Owner: **Mayer, Jerry**

Elevation (AMSL) (m): **714**

AEP: **160149**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **68,896.65**

Date Started: **17 Oct 91**

Northing: **5,925,411.00**

Date Completed: **18 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **25.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **30.5** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **14.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	709.0	Clay Sandy Yellow
13.1	701.4	Clay Blue
17.1	697.4	Sand
19.2	695.3	Shale Green
23.2	691.3	Sandstone
26.8	687.7	Shale Green
34.8	679.7	Shale Gray
35.7	678.8	Sandstone
40.8	673.6	Shale Green
42.7	671.8	Sandstone
48.2	666.3	Shale Gray
52.1	662.4	Sandstone
54.9	659.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-052-27 W4M**

Well Number **01447**

Well Owner: **Rachuck, Bob**

Elevation (AMSL) (m): **716**

AEP: **162007**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **68,713.58**

Date Started: **28 Nov 91**

Northing: **5,925,469.50**

Date Completed: **29 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **51.8**  
 Perforated How: **Saw**  
 from (m): **36.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **170.0**  
 Level End (m): **36.6** Drawdown (m): **21.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	710.4	Clay Sandy Brown
8.5	707.4	Clay & Coal Sandy Brown
9.8	706.2	Clay Gray
18.0	697.9	Sand & Coal Gray
18.6	697.3	Sandstone Soft Gray
20.7	695.2	Shale Green
21.9	694.0	Sandstone Soft Gray
23.2	692.7	Sandstone Gray
26.2	689.7	Shale Green
27.7	688.2	Sandstone Hard
28.4	687.6	Shale Green
28.7	687.3	Shale Gray
29.3	686.6	Sandstone Soft Gray
32.0	683.9	Shale Gray
32.3	683.6	Sandstone Gray
33.2	682.7	Shale
35.0	680.9	Sandstone Gray
41.2	674.8	Shale Gray
42.1	673.8	Sandstone Gray
45.4	670.5	Shale Gray
47.2	668.7	Sandstone Gray
48.8	667.1	Sandstone Gray
50.6	665.3	Shale Brown
51.8	664.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-052-27 W4M**

Well Number **01448**

Well Owner: **Wood, Gerald**

Elevation (AMSL) (m): **716**

AEP: **238528**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **68,538.71**

Date Started: **18 Jun 93**

Northing: **5,925,115.00**

Date Completed: **18 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **17.4** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **10.7** to **11.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **12.2** to **13.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **13.7**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **7.3**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	714.9	Topsoil
5.8	709.7	Clay Brownish Yellow
7.3	708.2	Sand Brown
8.2	707.3	Clay Blue
14.6	700.9	Sand & Coal Coarse Grained Gra
15.2	700.3	Shale Green
17.1	698.5	Sandstone Medium Grained
17.4	698.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-052-27 W4M**

Well Number **01449**

Well Owner: **Pinno**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **716**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156717**  
 Easting: **67,556.78**  
 Northing: **5,925,446.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-052-27 W4M**

Well Number **01450**

Well Owner: **Anderson, Ross L.**

Elevation (AMSL) (m): **712**

AEP: **156716**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **68,845.85**

Date Started:

Northing: **5,924,269.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-052-27 W4M**

Well Number **01451**

Well Owner: **Frank, Dale**

Elevation (AMSL) (m): **716**

AEP: **227874**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,612.08**

Date Started: **15 Jun 93**

Northing: **5,924,594.50**

Date Completed: **16 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **29.3**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **26.2** Bottom (m): **50.6**  
 Perforated How: **Saw**  
 from (m): **26.2** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	709.9	Clay Silty Yellow
9.1	706.9	Sand Fine Grained Yellow
16.5	699.6	Sand & Coal Coarse Grained
18.3	697.7	Clay Blue
20.7	695.3	Shale Green
25.9	690.1	Shale Sandy Gray
27.7	688.3	Shale Green
28.7	687.4	Shale Sandy Gray
30.5	685.5	Shale Green
32.3	683.7	Shale Sandy Gray
33.2	682.8	Shale Green
36.6	679.5	Shale Sandy Gray
37.8	678.2	Shale Green
41.5	674.6	Shale Sandy Gray
48.5	667.6	Shale Green
51.2	664.8	Shale Sandy Gray
51.5	664.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-052-27 W4M**

Well Number **01452**

Well Owner: **Cyr, Maryann**

Elevation (AMSL) (m): **714**

AEP: **258557**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **67,462.38**

Date Started: **04 Jul 95**

Northing: **5,926,146.50**

Date Completed: **06 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **28.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **22.7** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **9.1**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.0	696.0	Clay & Sand Silty Brown
20.7	693.3	Sandstone Soft
23.5	690.6	Shale & Sandstone Soft
24.7	689.3	Shale & Coal
26.8	687.2	Clay
29.0	685.1	Shale
30.8	683.2	Shale
31.7	682.3	Sandstone
32.6	681.4	Shale Green
33.2	680.8	Siltstone
35.0	679.0	Sandstone
37.2	676.8	Shale
39.0	675.0	Siltstone
41.5	672.6	Shale
42.1	672.0	Siltstone & Sandstone
44.5	669.5	Shale
45.1	668.9	Sandstone
45.7	668.3	Shale
57.9	656.1	Shale & Siltstone
59.7	654.3	Siltstone & Sandstone
62.8	651.2	Sandstone
64.0	650.0	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**01-20-052-27 W4M**

Well Number **01453**

Well Owner: **Krygsveld, Bill**

Elevation (AMSL) (m): **710**

AEP: **169111**

Drilling Contractor: *Arts, Rene Well Drilling & Servicing*

Licence No.:

Easting: **70,285.19**

Date Started: **28 Mar 92**

Northing: **5,925,657.50**

Date Completed: **29 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **3.7** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **41.2** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **240.0**  
 Level End (m): **36.9** Drawdown (m): **32.3**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	707.0	Clay Brown
18.3	691.7	Clay Soft Gray
21.3	688.7	Sand Brown
22.9	687.1	Clay Gray
26.8	683.2	Shale Sandy
30.5	679.5	Shale Greenish Gray
30.8	679.2	Sandstone
32.0	678.0	Shale Green
36.6	673.4	Shale Greenish Gray
38.1	671.9	Shale Gray
38.7	671.3	Shale Green
39.3	670.7	Shale Dark
41.5	668.6	Shale Greenish Gray
43.9	666.1	Shale & Sandstone Sandy Gray
45.7	664.3	Shale Gray
48.2	661.8	Sandstone
48.8	661.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-052-27 W4M**

Well Number **01454**

Well Owner: **Chechora, Larry/Diane**

Elevation (AMSL) (m): **715**

AEP: **250148**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,881.38**

Date Started: **09 Jan 95**

Northing: **5,926,128.50**

Date Completed: **10 Jan 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **29.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **67.7**  
 Perforated How: **Saw**  
 from (m): **29.9** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **25.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **15.9**  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.0	707.9		Clay Yellow
	12.2	702.7		Clay Soft Blue
	18.3	696.6		Clay & Sand
	24.4	690.5		Clay Blue
	31.1	683.8		Shale Green
	37.2	677.7		Shale Sandy Gray
	52.7	662.1		Shale Green
	59.1	655.7		Sandstone
	59.7	655.1		Coal
	63.1	651.8		Shale Green
	64.6	650.3		Shale & Coal Brown
	68.6	646.3		Shale Brittle Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 20-052-27 W4M**

Well Number **01455**

Well Owner: **Feathers, Morris**

Elevation (AMSL) (m): **714**

AEP: **154353**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,247.83**

Date Started: **19 Dec 79**

Northing: **5,926,181.50**

Date Completed: **20 Dec 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **20.4** to **23.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	707.6	Clay Yellow
19.8	693.9	Clay Blue
22.3	691.5	Sand
25.6	688.1	Clay Blue
25.9	687.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-052-27 W4M**

Well Number **01456**

Well Owner: **King Industries**

Elevation (AMSL) (m): **714**

AEP: **280687**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,263.50**

Date Started: **20 Sep 94**

Northing: **5,926,255.00**

Date Completed: **21 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **36.9** to **38.4** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **25.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	703.9	Clay Brown
18.3	695.7	Clay Blue
29.0	685.0	Silt Blue
41.2	672.8	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-052-27 W4M**

Well Number **01457**

Well Owner: **O'Toole, Donna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **708**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **215726**  
 Easting: **70,498.55**  
 Northing: **5,925,591.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **34.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 20-052-27 W4M**

Well Number **01458**

Well Owner: **Whitfield, Dave**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **716**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161659**  
 Easting: **69,866.91**  
 Northing: **5,926,353.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **20.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 22-052-27 W4M**

Well Number **01459**

Well Owner: **Wangler, Ken**

Elevation (AMSL) (m): **714**

AEP: **218437**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **73,728.38**

Date Started: **27 Jul 93**

Northing: **5,927,334.50**

Date Completed: **27 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **47.2** to **51.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **64.0**  
 Perforated How: **Hand Drill**  
 from (m): **53.0** to **54.0** Size:  
 from (m): **54.9** to **61.0** Size:  
 from (m): **61.6** to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.0**

**Testing:**

Rate (lpm): **2.3** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **48.8**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.4	707.6	Till Sandy
7.6	706.4	Clay Brown
29.6	684.4	Coal Sandy Brown
31.4	682.6	Clay Blue
44.2	669.8	Sand & Coal
45.1	668.9	Clay Blue
47.2	666.8	Sand & Coal
48.5	665.5	Clay Blue
50.0	664.0	Shale Bentonitic
53.3	660.7	Shale Greenish Gray
54.0	660.1	Coal
57.0	657.0	Shale Brownish Gray
57.3	656.7	Coal
57.9	656.1	Shale Brown
58.5	655.5	Shale Gray
59.4	654.6	Sandstone Fine Grained
60.0	654.0	Shale Gray
60.4	653.7	Coal
60.7	653.4	Shale Brown
61.6	652.4	Shale Bentonitic
62.5	651.5	Coal
62.8	651.2	Shale Brown
64.0	650.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-052-27 W4M**

Well Number **01460**

Well Owner: **Stahl, Ed**  
 Drilling Contractor: *Double R Drlg*

Elevation (AMSL) (m): **712**      AEP: **165154**  
 Licence No.:                              Easting: **72,995.96**  
 Date Started: **21 Jun 91**          Northing: **5,927,300.00**  
 Date Completed: **24 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **12.2**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.0**      Bottom (m): **54.0**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m):              to **50.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **49.4**      Bottom (m): **68.6**  
 Perforated How: **Machine**  
 from (m): **54.9**      to **68.6**      Size:  
 from (m):              to                      Size:  
 from (m):              to                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to                      Size:  
 from (m):              to                      Size:  
**Open Hole:**  
 from (m):              to  
**Pump:**  
 Model:    Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **18.2**                              Time (minute): **540.0**  
 Level End (m):                                  Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	706.0	Clay Hard
16.8	695.3	Clay & Sand
17.7	694.4	Sand & Coal
18.9	693.2	Sand
23.8	688.3	Clay Silty
25.6	686.5	Sand & Gravel
32.0	680.1	Till
36.0	676.1	Sandstone & Coal Gray
36.6	675.5	Gravel
39.0	673.1	Till & Rocks
44.2	667.9	Sandstone & Gravel
45.7	666.4	Sandstone Dry
46.3	665.8	Sandstone Hard
53.3	658.7	Shale Greenish Gray
54.9	657.2	Shale Green
59.4	652.7	Shale & Sandstone Gray
61.6	650.5	Sandstone Dry
63.4	648.7	Shale Green
64.0	648.1	Sandstone Hard
67.4	644.7	Shale & Sandstone Gray
67.7	644.4	Coal
68.3	643.8	Shale Brown
68.6	643.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 22-052-27 W4M**

Well Number **01461**

Well Owner: **Shandrowsky, Karla**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **713**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168013**  
 Easting: **73,794.31**  
 Northing: **5,926,221.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **31.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-052-27 W4M**

Well Number **01462**

Well Owner: **Shandrowsky, Karla**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **713**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **165288**  
 Easting: **73,794.31**  
 Northing: **5,926,221.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-052-27 W4M**

Well Number **01463**

Well Owner: **W.Sopher Construction/J.Sopher**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **713**      AEP: **168209**  
 Licence No.:      Easting: **73,794.31**  
 Date Started: **20 Jul 92**      Northing: **5,926,221.00**  
 Date Completed: **20 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **34.4** (m)  
 NPWL (m): **9.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1**      Bottom (m): **31.1**  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **31.1**      to **32.6**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **63.9**      Time (minute): **420.0**  
 Level End (m): **13.4**      Drawdown (m): **4.9**  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	701.1	Clay Yellow
19.8	693.5	Clay Blue
33.2	680.1	Sand & Coal
34.4	678.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 22-052-27 W4M**

Well Number **01464**

Well Owner: **Glen Deering Construction Ltd**  
 Drilling Contractor: *D&D Water Well Drilling & Services*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started: **24 May 95**  
 Date Completed: **24 May 95**  
 AEP: **258148**  
 Easting: **72,467.30**  
 Northing: **5,926,309.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **35.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **45.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **58.5**  
**Testing:**  
 Rate (lpm): **66.1** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **38.7**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.8	705.2	Clay Yellow
22.3	688.8	Clay Blue
27.7	683.3	Sand
36.3	674.7	Shale Gray
36.9	674.1	Coal
38.4	672.6	Sandstone
42.4	668.6	Shale Green
44.5	666.5	Sandstone
46.9	664.1	Shale Gray
57.3	653.7	Sandstone
58.5	652.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-052-27 W4M**

Well Number **01465**

Well Owner: **Royal Green Produce Farms**

Elevation (AMSL) (m): **711**

AEP: **151112**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **72,467.30**

Date Started: **24 Mar 90**

Northing: **5,926,309.50**

Date Completed: **26 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Irrigation**  
 Completed Depth **25.6** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **635.0** Thickness (mm): **0.2**  
 Seal Type: **Puddled Clay**  
 from (m): **3.7** to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **23.5** to **24.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **22.6**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **9.1** Drawdown (m): **6.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	704.9	Clay Brown
6.7	704.3	Clay Blue
22.3	688.8	Silt Gray
25.6	685.4	Gravel Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-052-27 W4M**

Well Number **01466**

Well Owner: **Treit, Candace**

Elevation (AMSL) (m): **711**

AEP: **258149**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,467.30**

Date Started: **31 Mar 95**

Northing: **5,926,309.50**

Date Completed: **06 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **11.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **58.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.3** Bottom (m): **93.6**  
 Perforated How: **Saw**  
 from (m): **67.1** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **93.6**

**Testing:**  
 Rate (lpm): **8.0** Time (minute): **120.0**  
 Level End (m): **86.9** Drawdown (m): **75.6**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	705.5	Clay Sandy Yellow
19.5	691.5	Clay Blue
36.3	674.7	Sand
54.6	656.4	Shale Green
59.7	651.3	Shale Gray
61.6	649.4	Sandstone
68.3	642.7	Shale Gray
71.9	639.1	Sandstone
78.3	632.7	Shale Gray
78.9	632.1	Shale & Coal Brown
79.8	631.2	Sandstone
84.7	626.3	Shale Gray
87.2	623.8	Sandstone
88.7	622.3	Shale Green
90.8	620.2	Sandstone
93.6	617.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

16-23-052-27 W4M

Well Number 01467

Well Owner: **Lewis Farms Ltd.**

Elevation (AMSL) (m): **717**

AEP: **158934**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **75,318.84**

Date Started: **26 Jul 91**

Northing: **5,927,274.00**

Date Completed: **30 Aug 91**

**General:**

Type of Work: **Reconstructed**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **152.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **50.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **152.4**  
 Perforated How: **Saw**  
 from (m): **106.7** to **152.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **70.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **480.0**  
 Level End (m): **70.1** Drawdown (m): **51.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

9.1	707.6	Clay Brown
15.2	701.5	Clay & Sand Gray
40.2	676.5	Sand & Coal
48.5	668.3	Clay & Sand Gray
50.0	666.8	Shale Gray
50.3	666.5	Shale Green
59.1	657.6	Clay & Shale Brownish Gray
61.0	655.8	Sandstone Gray
61.9	654.9	Coal
64.3	652.4	Shale Brownish Gray
65.5	651.2	Sandstone Gray
66.8	650.0	Shale Gray
68.9	647.9	Sandstone
69.5	647.3	Shale Brown
69.8	646.9	Shale Gray
70.4	646.3	Sandstone Gray
74.7	642.1	Shale Gray
76.5	640.2	Sandstone Gray
81.7	635.1	Shale Brownish Gray
87.5	629.3	Sandstone
90.8	625.9	Shale Gray
96.0	620.7	Sandstone
99.1	617.7	Shale Brownish Gray
100.0	616.8	Sandstone
100.6	616.2	Old Well
102.7	614.0	Shale Light Gray
103.9	612.8	Sandstone Hard Gray
104.9	611.9	Siltstone Gray
105.5	611.3	Shale Light Gray
108.5	608.2	Shale Brown
109.4	607.3	Coal
112.2	604.6	Sandstone Light Gray
113.7	603.1	Shale Green
117.3	599.4	Shale & Coal Brown
121.6	595.1	Sandstone Gray
125.9	588.7	Shale Dark Gray
128.0	588.7	Sandstone Gray
131.1	585.7	Shale Gray
134.1	582.6	Shale Light Gray
136.5	580.2	Siltstone Light Gray
137.2	579.6	Shale Gray
142.3	574.4	Siltstone & Sandstone
143.3	574.4	Shale Gray
146.3	570.4	Siltstone Light Gray
152.4	564.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-052-27 W4M**

Well Number **01468**

Well Owner: **Lewis, Corrie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **717**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169303**  
 Easting: **74,704.88**  
 Northing: **5,927,389.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **161.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 23-052-27 W4M**

Well Number **01469**

Well Owner: **Western Standardbred Farm/Gilr**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **720**                      AEP: **227876**  
 Licence No.:    Easting: **74,318.56**  
 Date Started: **18 Jun 93**                      Northing: **5,927,348.00**  
 Date Completed: **18 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **49.4** (m)  
 NPWL (m): **18.3**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.3**                      Bottom (m): **39.3**  
 OD (mm): **152.4**                      Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m):                      to **39.3**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.3**                      to **40.8**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **63.9**                      Time (minute): **420.0**  
 Level End (m): **22.9**                      Drawdown (m): **13.7**  
 Rec'd intake (m): **22.9**                      Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	716.9	Clay Yellow
6.1	713.9	Sand Silty
10.4	709.6	Sand & Coal
13.7	706.3	Clay & Sand Yellow
19.5	700.5	Sand & Coal
21.3	698.7	Clay Yellow
44.2	675.8	Sand & Coal
49.4	670.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 23-052-27 W4M**

Well Number **01470**

Well Owner: **Reid, Carolyne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **164708**  
 Easting: **73,957.23**  
 Northing: **5,926,304.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-052-27 W4M**

Well Number **01471**

Well Owner: **Gagne, George**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **714**      AEP: **163058**  
 Licence No.:      Easting: **76,681.36**  
 Date Started: **29 Nov 91**      Northing: **5,926,137.00**  
 Date Completed: **10 Dec 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **29.0** (m)  
 NPWL (m): **9.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3**      Bottom (m): **18.3**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **16.8**      to **18.3**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model: **Jacuzzi**      Intake (m): **16.8**  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **240.0**  
 Level End (m): **15.2**      Drawdown (m): **5.5**  
 Rec'd intake (m): **16.8**      Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	708.0	Clay Sandy
18.3	695.2	Sand
21.9	691.6	Clay & Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-052-27 W4M**

Well Number **01472**

Well Owner: **Tessier, Albert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **159711**  
 Easting: **76,560.22**  
 Northing: **5,927,588.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-052-27 W4M**

Well Number **01473**

Well Owner: **Mclaughlin, Robert**

Elevation (AMSL) (m): **718**

AEP: **163231**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **73,943.72**

Date Started:

Northing: **5,928,354.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **27.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 26-052-27 W4M**

Well Number **01474**

Well Owner: **Lewis Farms**

Elevation (AMSL) (m): **714**

AEP: **240720**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **75,091.60**

Date Started: **06 May 94**

Northing: **5,927,890.50**

Date Completed: **12 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **42.1** to **43.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **121.9**  
 Perforated How: **Saw**  
 from (m): **97.5** to **115.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **91.4**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **68.3**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	707.0	Clay Brown
20.7	693.5	Clay Gray
28.0	686.2	Sand & Coal Coarse Grained
40.2	674.0	Clay & Gravel Gray
43.3	671.0	Sandstone
46.0	668.3	Shale Gray
51.5	662.8	Sandstone
52.7	661.5	Shale Brown
55.8	658.5	Shale Gray
57.6	656.7	Sandstone
58.5	655.8	Shale Gray
62.2	652.1	Sandstone
64.6	649.7	Shale Brown
70.1	644.2	Shale Gray
71.0	643.3	Coal
72.5	641.7	Shale Brown
74.1	640.2	Sandstone
77.4	636.9	Shale Green
78.3	635.9	Shale Brown
80.2	634.1	Shale Green
83.8	630.5	Sandstone
87.2	627.1	Shale Gray
90.5	623.8	Sandstone
92.1	622.2	Shale Gray
101.2	613.1	Sandstone
102.4	611.9	Shale Brown
103.9	610.3	Shale Gray
106.7	607.6	Sandstone
108.5	605.8	Shale Brown
110.3	603.9	Shale Gray
117.0	597.2	Sandstone
121.9	592.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

04-27-052-27 W4M

Well Number 01475

Well Owner: **Alta Env #0877e**

Elevation (AMSL) (m): **710**

AEP: **240659**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **72,526.76**

Date Started:

Northing: **5,927,510.00**

Date Completed: **03 Oct 72**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	703.6	Clay Silty Greenish Gray
29.0	680.7	Sand Fine Grained
33.5	676.1	Shale Silty Greenish Gray
35.7	674.0	Sandstone Light Green
38.1	671.6	Shale & Siltstone Greenish Gr
42.7	667.0	Shale Silty Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-052-27 W4M**

Well Number **01476**

Well Owner: **Mcauley, Malcolm**

Elevation (AMSL) (m): **716**

AEP: **216490**

Drilling Contractor: *Mcauley Drilling Co. Ltd.*

Licence No.:

Easting: **73,530.45**

Date Started: **11 Jun 93**

Northing: **5,927,615.50**

Date Completed: **13 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **71.6**  
 Perforated How: **Machine**  
 from (m): **67.1** to **71.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	711.7	Till Brown
17.4	698.6	Sand & Coal Brown
28.7	687.4	Sand Silty Gray
40.8	675.2	Till & Rocks Gray
44.2	671.8	Stones Brownish Gray
46.0	670.0	Sandstone & Coal Gray
51.8	664.2	Stones Brownish Gray
57.9	658.1	Sandstone Fine Grained Gray
63.4	652.6	Sandstone Gray
64.0	652.0	Coal
65.5	650.5	Stones Brownish Gray
70.1	645.9	Sandstone Water Bearing Gray
71.6	644.4	Stones Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 27-052-27 W4M**

Well Number **01477**

Well Owner: **Mcauley Drilling**  
 Drilling Contractor: *Mcauley Drilling Co. Ltd.*

Elevation (AMSL) (m): **714**                      AEP: **216493**  
 Licence No.:    Easting: **73,245.08**  
 Date Started: **16 Jun 93**                      Northing: **5,927,510.00**  
 Date Completed: **17 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **10.7**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.2**                      Bottom (m): **26.2**  
 OD (mm): **152.4**                      Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m):                      to **18.3**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.6**  
 from (m): **20.1**                      to **26.2**                      Size: **0.02**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **136.8**                      Time (minute): **420.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	710.2	Till Brown
16.8	696.8	Sand & Coal Brown
19.2	694.3	Sand & Coal Gray
21.3	692.2	Silt Gray
29.0	684.6	Sand Gray
32.0	681.5	Till Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 29-052-27 W4M**

Well Number **01478**

Well Owner: **Altheim, Arnold**

Elevation (AMSL) (m): **708**

AEP: **238529**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,264.07**

Date Started: **07 Sep 93**

Northing: **5,928,377.84**

Date Completed: **07 Sep 93**

**General:**

Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **07 Sep 93**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.8	706.4	Clay Yellow
5.5	702.8	Sand Silty
25.9	682.4	Clay Soft Blue
29.0	679.3	Sand & Coal
31.4	676.9	Clay Blue
36.0	672.3	Shale Green
39.6	668.7	Shale Sandy Gray
41.2	667.1	Coal
44.2	664.1	Shale Gray
45.7	662.6	Coal
48.8	659.5	Shale Sandy Gray
51.5	656.8	Shale Gray
55.2	653.1	Shale Green
56.1	652.2	Sandstone
57.6	650.7	Shale Brittle Gray
58.5	649.8	Shale Sandy Gray
62.2	646.1	Shale Gray
63.4	644.9	Shale & Coal Brown
68.3	640.0	Shale Gray
70.1	638.2	Sandstone
71.6	636.7	Shale & Coal Brown
77.4	630.9	Shale Sandy Gray
83.5	624.8	Shale Green
93.6	614.7	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 29-052-27 W4M**

Well Number **01479**

Well Owner: **Althem Farms/Althem, Arnold**

Elevation (AMSL) (m): **705**

AEP: **242606**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,195.84**

Date Started: **13 Sep 93**

Northing: **5,928,587.00**

Date Completed: **13 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **25.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **25.0** to **26.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **S8p4c02pf** Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **6.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	699.3	Clay Silty Yellow
12.2	692.6	Clay Blue
21.3	683.5	Clay & Sand Sandy Blue
26.8	678.0	Sand & Coal
30.5	674.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-052-27 W4M**

Well Number **01480**

Well Owner: **Dept.Of Highways**  
 Drilling Contractor: *Eureka Drlg Co*

Elevation (AMSL) (m): **702**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **155027**  
 Easting: **70,481.19**  
 Northing: **5,930,557.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **60.0**  
 Level End (m): **8.2** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	701.7	Topsoil
2.7	699.6	Clay Brown
9.1	693.2	Clay Silty Brown
20.7	681.6	Sand See Comments
27.4	674.9	Clay Sandy
30.8	671.5	Sand Cemented
31.7	670.6	Clay Stoney
33.5	668.8	Sand & Clay Stringers Hard Gra
36.6	665.7	Sandstone
41.2	661.2	Sandstone
41.8	660.6	See Comments
43.3	659.0	Coal
44.2	658.1	See Comments
44.8	657.5	Shale See Comments
46.3	656.0	Gravel Coarse Grained
47.2	655.1	Shale Hard Gray
64.0	638.3	Shale Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-052-27 W4M**

Well Number **01481**

Well Owner: **Rotary Club Of Spruce Grove**

Elevation (AMSL) (m): **702**

AEP: **257983**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,481.19**

Date Started: **11 Apr 95**

Northing: **5,930,557.00**

Date Completed: **13 Apr 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **40.2** Bottom (m): **90.5**  
 Perforated How: **Saw**  
 from (m): **48.8** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **73.2**

**Testing:**

Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **57.9**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.1	699.3	Clay Silty Yellow
5.5	696.8	Clay Silty Blue
7.0	695.3	Clay Yellow
18.9	683.4	Clay Blue
20.7	681.6	Shale Sandy Gray
26.5	675.8	Shale Dark Gray
33.5	668.8	Shale Sandy Gray
38.1	664.2	Shale Brittle Dark Gray
39.6	662.7	Shale & Coal Soft Brown
41.5	660.9	Shale Sandy Gray
42.1	660.3	Shale Gray
45.7	656.6	Sandstone
47.2	655.1	Shale Gray
51.8	650.5	Shale Brittle Green
54.3	648.1	Shale Sandy Gray
54.9	647.5	Shale & Coal Soft Brown
56.7	645.6	Shale Gray
63.1	639.2	Shale Sandy Gray
66.1	636.2	Shale Gray
68.6	633.7	Shale Sandy Gray
72.5	629.8	Shale Gray
75.6	626.7	Shale Sandy Gray
91.4	610.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-052-27 W4M**

Well Number **01482**

Well Owner: **Mako, Russ**

Elevation (AMSL) (m): **701**

AEP: **167773**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,968.89**

Date Started: **25 Oct 76**

Northing: **5,930,227.00**

Date Completed: **25 Oct 76**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Wood**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **609.6** Thickness (mm): **0.5**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **9.1** Time (minute):  
 Level End (m): Drawdown (m): **7.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description  
 12.8 688.1 *Old Well*

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-052-27 W4M**

Well Number **01483**

Well Owner: **Mccuaig, Doug & Jackie**

Elevation (AMSL) (m): **702**

AEP: **168075**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **75,378.91**

Date Started: **18 Aug 92**

Northing: **5,930,107.00**

Date Completed: **19 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **19.5** Bottom (m): **19.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to **18.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **19.5** to **20.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	693.9			Clay & Sand
16.8	684.7			Clay Silty
18.3	683.2			Sand
19.5	682.0			Coal
21.3	680.2			Sand & Coal
21.9	679.6			Till

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-052-27 W4M**

Well Number **01484**

Well Owner: **Sewell, George**

Elevation (AMSL) (m): **709**

AEP: **162184**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **73,889.01**

Date Started: **01 Oct 91**

Northing: **5,929,673.50**

Date Completed: **01 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **26.2** to **27.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	698.2	Clay Yellow
17.7	691.1	Clay Blue
28.4	680.5	Sand Coarse Grained
29.3	679.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



08-01-052-28 W4M

Well Number 01485

Well Owner: **Bachand, C.**

Elevation (AMSL) (m): **712**

AEP: **160088**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **67,420.55**

Date Started: **30 Sep 91**

Northing: **5,921,520.50**

Date Completed: **02 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **103.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **54.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.4	701.3			Clay & Sand Brown
12.8	698.8			Clay & Rocks Blue
23.2	688.5			Clay Silty
25.6	686.0			Gravel
27.4	684.2			Clay & Sand Blue
50.3	661.3			Shale Hard Gray
51.2	660.4			Sand & Rocks Blue
56.7	654.9			Shale Gray
59.4	652.2			Sandstone Fine Grained Blue
69.5	642.1			Shale Hard Gray
71.9	639.7			Sandstone Blue
82.6	629.0			Shale Gray
86.3	625.4			Shale Brown
87.2	624.4			Coal
99.1	612.6			Sand & Shale Blue Gray
103.6	608.0			Sandstone Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-052-28 W4M**

Well Number **01486**

Well Owner: **Ducholke, N.**

Elevation (AMSL) (m): **717**

AEP: **157962**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,359.52**

Date Started: **16 Mar 90**

Northing: **5,921,946.50**

Date Completed: **21 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **25.3** to **26.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **360.0**  
 Level End (m): **24.4** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	713.6	Sand Brown
12.2	704.5	Clay Brown
19.8	696.9	Clay Gray
25.9	690.8	Sand Coarse Grained
30.5	686.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-052-28 W4M**

Well Number **01487**

Well Owner: **Douglas, Bob**

Elevation (AMSL) (m): **712**

AEP: **156187**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,235.14**

Date Started: **09 May 91**

Northing: **5,922,727.50**

Date Completed: **10 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.5** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **50.6**  
 Perforated How: **Machine**  
 from (m): **33.5** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	702.4			Clay Yellow
21.3	690.2			Sand & Coal
27.4	684.1			Clay Soft Blue
28.4	683.2			Clay & Rocks Yellow
32.6	678.9			Clay & Rocks Soft Blue
32.9	678.6			Shale Green
35.4	676.2			Sandstone
37.8	673.7			Shale Green
40.2	671.3			Shale Sandy Gray
42.4	669.1			Shale Green
46.9	664.6			Shale Sandy Gray
48.5	663.1			Shale Green
50.9	660.6			Shale Sandy Gray
51.5	660.0			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**01-25-052-28 W4M**

Well Number **01488**

Well Owner: **Alta Env #0876e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **707**  
 Licence No.:  
 Date Started:  
 Date Completed: **03 Oct 72**  
 AEP: **240660**  
 Easting: **67,095.10**  
 Northing: **5,927,514.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	696.5	Clay Silty Greenish Gray
22.9	684.3	Sand Fine Grained
24.4	682.8	Sandstone & Coal
29.0	678.2	Shale & Siltstone Silty Light

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-052-28 W4M**

Well Number **01489**

Well Owner: **Town Of Stony Plain**

Elevation (AMSL) (m): **706**

AEP: **153974**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,975.86**

Date Started: **23 Jul 90**

Northing: **5,927,516.50**

Date Completed: **24 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.7** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **26.2** to **30.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **684.1** Time (minute): **360.0**  
 Level End (m): **24.4** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	698.8	Clay Yellow
15.2	690.6	Clay Blue
33.5	672.3	Sand & Coal
35.7	670.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

02-36-052-28 W4M

Well Number 01490

Well Owner: **Town Of Stony Plain**

Elevation (AMSL) (m): **701**

AEP: **156718**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **66,686.33**

Date Started:

Northing: **5,929,203.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

13-02-053-26 W4M

Well Number 01555

Well Owner: **Can Gulf Oil Co Hole #13**

Elevation (AMSL) (m): **706**

AEP: **264871**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **83,825.64**

Date Started:

Northing: **5,932,039.75**

Date Completed: **05 Sep 50**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **231.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 02-053-26 W4M**

Well Number **01556**

Well Owner: **Northland Sand & Gravel Ltd.**

Elevation (AMSL) (m): **706**

AEP: **152850**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **84,846.02**

Date Started: **20 Sep 90**

Northing: **5,931,852.00**

Date Completed: **20 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.3** to **30.5** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **159.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	699.7	Clay Silty Brown
12.2	693.6	Sand Silty Brown
22.6	683.3	Sand Fine Grained Brown
23.2	682.7	Clay Brown
25.9	679.9	Coal Sandy Gray
31.4	674.4	Sand & Gravel Gray
32.3	673.5	Shale Brown
33.2	672.6	Coal
36.6	669.3	Shale Sandy Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-03-053-26 W4M

Well Number 01557

Well Owner: **Can Gulf Oil Co Hole #23**

Elevation (AMSL) (m): 711

AEP: 264873

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: 82,200.65

Date Started:

Northing: 5,932,009.87

Date Completed: 17 Sep 50

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **223.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: 1.000H  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 03-053-26 W4M**

Well Number **01558**

Well Owner: **Chevron**

Elevation (AMSL) (m): **712**

AEP: **153787**

Drilling Contractor: *Mcallister Waterwells Ltd.*

Licence No.:

Easting: **83,220.17**

Date Started: **19 Sep 90**

Northing: **5,931,824.93**

Date Completed: **20 Sep 90**

**General:**

Type of Work: **Cathodic Protection**  
 Drilling Method: **Rotary**  
 Well Use: **Municipal**  
 Completed Depth **78.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	711.0			Topsoil
7.6	704.0			Till Brown
16.5	695.2			Sand Silty Brown
31.1	680.5			Till Sandy
78.3	633.3			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 04-053-26 W4M**

Well Number **01559**

Well Owner: **Rotorchrome Ind Inc**

Elevation (AMSL) (m): **709**

AEP: **255799**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **80,893.01**

Date Started: **22 Feb 95**

Northing: **5,931,247.50**

Date Completed: **22 Feb 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **40.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **19.8** Bottom (m): **94.5**  
 Perforated How: **Machine**  
 from (m): **42.7** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **59.1**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	706.9	Clay Brown
7.3	701.7	Silt Brown
8.8	700.2	Clay Sandy Gray
22.6	686.5	Sand Silty Gray
31.4	677.6	Clay Silty
37.8	671.2	Sand Silty Gray
38.7	670.3	Clay & Boulders
39.6	669.4	Clay
41.5	667.6	Shale Sandy Gray
46.9	662.1	Shale Gray
50.6	658.4	Sand Gray
51.5	657.5	Shale Dark Gray
56.1	652.9	Shale Gray
64.0	645.0	Shale Sandy Gray
70.4	638.6	Shale Gray
76.2	632.8	Sand & Shale Gray
91.4	617.6	Sand Fine Grained Gray
94.5	614.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-053-26 W4M**

Well Number **01560**

Well Owner: **Miller, Dwayne**

Elevation (AMSL) (m): **695**

AEP: **153982**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **78,744.70**

Date Started: **25 Oct 90**

Northing: **5,932,149.00**

Date Completed: **27 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **53.6** to **54.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **51.8** Drawdown (m): **29.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	686.9	Clay & Rocks Hard
13.7	680.8	Sand & Clay Stringers
22.9	671.6	Clay Silty
44.2	650.3	Sand & Clay Stringers Silty
48.8	645.7	Till Sandy
56.4	638.1	Sand & Coal Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-053-26 W4M**

Well Number **01561**

Well Owner: **Rybak, Russel**

Elevation (AMSL) (m): **702**

AEP: **182479**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **79,256.23**

Date Started: **18 Aug 92**

Northing: **5,930,904.00**

Date Completed: **18 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **13.7** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **4.0** to **4.6**  
**Liner:**  
 Type:  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **13.7**  
 Perforated How: **Other**  
 from (m): **12.2** to **13.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **7.3** Drawdown (m): **4.9**  
 Rec'd intake (m): **11.6** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	698.4	Clay Brown
12.2	690.1	Clay Silty Blue
13.7	688.6	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

---06-053-26 W4M

Well Number 01562

Well Owner: **Dickson, Mark**

Elevation (AMSL) (m): **696**

AEP: **161711**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **77,813.73**

Date Started:

Northing: **5,931,274.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Bored**  
Well Use: **Domestic**  
Completed Depth **24.4** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NW 06-053-26 W4M**

Well Number **01563**

Well Owner: **Cook, Gil**

Elevation (AMSL) (m): **685**

AEP: **196733**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **77,152.75**

Date Started: **07 Jul 92**

Northing: **5,931,766.00**

Date Completed: **12 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **61.0** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.9** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **29.9** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **11.4** Time (minute): **720.0**  
 Level End (m): **51.8** Drawdown (m): **45.1**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	681.8			Clay Yellow
4.3	680.3			Clay Sandy
17.7	666.9			Clay Blue
18.0	666.6			Coal
19.8	664.8			Shale Sandy
20.1	664.4			Sandstone Hard
20.7	663.8			Shale Sandy
24.1	660.5			Shale
24.7	659.9			Sandstone Hard
32.0	652.6			Shale
32.6	652.0			Sandstone Hard
34.8	649.8			Shale Sandy
36.3	648.3			Shale
37.2	647.4			Shale Sandy
51.5	633.1			Shale Brown
51.8	632.8			Coal
58.5	626.0			Shale
60.7	623.9			Coal
61.0	623.6			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-053-26 W4M**

Well Number **01564**

Well Owner: **Maitland, D.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **696**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161710**  
 Easting: **77,530.55**  
 Northing: **5,930,850.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*



16-07-053-26 W4M

Well Number 01565

Well Owner: **Alta Env #2236e**

Elevation (AMSL) (m): **661**

AEP: **215411**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **78,339.91**

Date Started: **22 Nov 83**

Northing: **5,933,958.00**

Date Completed: **25 Nov 83**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **20.7** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.3** Bottom (m): **7.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **7.3**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **18.3** Bottom (m): **19.2**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	661.0	Muskeg
3.7	657.6	Clay Silty Brown
8.2	653.1	Clay Silty Gray
11.6	649.7	Sand & Gravel
13.1	648.2	Clay
13.7	647.6	Sand & Gravel
17.1	644.2	Clay Gravelly
19.5	641.8	Sand
20.7	640.6	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

12-07-053-26 W4M

Well Number 01566

Well Owner: Alta Env #2237e

Elevation (AMSL) (m): 668

AEP: 234391

Drilling Contractor: Alberta Environment/Earth Sciences Divis

Licence No.:

Easting: 77,125.59

Date Started: 23 Nov 83

Northing: 5,932,886.00

Date Completed: 24 Nov 83

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth: **13.7** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **5.8** Bottom (m): **5.8**  
OD (mm): **141.2** Thickness (mm):  
Seal Type: **Cement/Grout**  
from (m): to **5.8**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **PI**  
OD (mm): **0.9**  
from (m): **11.0** to **11.6** Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	667.4	Muskeg
2.4	665.6	Clay Silty Brown
4.6	663.4	Clay Silty Gray
10.1	657.9	Clay Silty
12.5	655.5	Sand
13.7	654.3	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

14-07-053-26 W4M

Well Number 01567

Well Owner: **Alta Env #2238e**

Elevation (AMSL) (m): **660**

AEP: **232654**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **77,608.83**

Date Started: **23 Nov 83**

Northing: **5,933,995.50**

Date Completed: **24 Nov 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **15.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **5.2** Bottom (m): **5.2**  
 OD (mm): **177.8** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **5.2**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm):  
 Top (m): Bottom (m): **14.0**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm):  
 from (m): **14.0** to **15.5** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.7	657.3	Clay Silty Brown
4.6	655.4	Clay Gray
8.8	651.2	Clay Silty Gray
11.6	648.4	Clay Sandy
13.7	646.3	Clay Silty
14.6	645.4	Sand & Coal
15.9	644.2	Shale

Laboratory:

pH (pH unit)	<b>9.54</b>	COD		Mercury	
Cond. (µS/cm)	<b>1850</b>	SAR	<b>61.30</b>	Nickel	<b>0.01</b>
TDS	<b>1120</b>	TKN		Selenium	
Sodium	<b>423.20</b>	Nitrate		Strontium	<b>0.05</b>
Potassium	<b>1.56</b>	Nitrite		Molybdenum	
Calcium	<b>2.20</b>	TN		Vanadium	
Magnesium	<b>0.85</b>	TC		Zinc	<b>0.01</b>
Carbonate	<b>71.70</b>	DIC	<b>115.5</b>	Hydroxide	
Bicarbonate	<b>611.93</b>	Arsenic		Total Hardness	<b>9.00</b>
Aluminum		Barium	<b>0.12</b>	Manganese	<b>0.01</b>
Sulphate	<b>307.39</b>	Beryllium		Phosphate	
Chloride	<b>6.03</b>	Cadium	<b>0.01</b>	Ion Balance	<b>0.98</b>
Fluoride	<b>0.57</b>	Chromium	<b>0.01</b>	Amm. Nitrogen	<b>0.09</b>
Iron	<b>0.07</b>	Cobalt		Total Phosphate	
TOC	<b>8.50</b>	Copper	<b>0.01</b>	Total Alkalinity	<b>501.5</b>
Silica		Lead	<b>0.03</b>	Nitrate&Nitrite N	

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 08-053-26 W4M**

Well Number **01568**

Well Owner: **Ranger Distributors**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **673**      AEP: **162183**  
 Licence No.:      Easting: **79,926.30**  
 Date Started: **08 Jan 92**      Northing: **5,933,610.00**  
 Date Completed: **08 Jan 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **17.1** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **13.4**      Bottom (m): **13.4**  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **13.4**      to **14.9**      Size: **0.01**  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm): **63.9**      Time (minute): **420.0**  
 Level End (m): **3.7**      Drawdown (m): **3.7**  
 Rec'd intake (m):      Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	669.6	Clay Yellow
10.7	662.0	Clay Soft Blue
15.9	656.8	Sand
17.1	655.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 08-053-26 W4M**

Well Number **01569**

Well Owner: **Kachur, Norm**

Elevation (AMSL) (m): **686**

AEP: **151755**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **78,874.59**

Date Started: **31 Jan 90**

Northing: **5,932,649.50**

Date Completed: **31 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **1.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **21.3** to **22.9** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **60.0**  
 Level End (m): **4.3** Drawdown (m): **2.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	686.0	Topsoil
1.2	685.1	Till Brown
13.7	672.6	Silt Gray
14.6	671.7	Clay Silty
17.1	669.2	Sand Coarse Grained Gray
23.2	663.2	Sand Medium Grained Gray
23.8	662.5	Clay Gray
24.4	661.9	Sand Gray
25.9	660.4	Sandstone Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-053-26 W4M**

Well Number **01570**

Well Owner: **Yestla, Ted**

Elevation (AMSL) (m): **686**

AEP: **167083**

Drilling Contractor: *Morton'S Water Well Drilling Ltd.*

Licence No.:

Easting: **78,874.59**

Date Started: **16 Jun 92**

Northing: **5,932,649.50**

Date Completed: **17 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.0** to **30.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **W150** Intake (m): **30.5**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **1.2** Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	682.0	Till Yellow
9.8	676.6	Sand Fine Grained Yellow
13.7	672.6	Till Yellow
31.1	655.2	Sand & Gravel
34.1	652.2	Shale
38.4	647.9	Sand Black
41.5	644.9	Shale
47.9	638.5	Sand Black
67.7	618.7	Shale Sandy
68.6	617.7	Sand Black
92.1	594.3	Shale Sandy
97.5	588.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-26 W4M**

Well Number **01571**

Well Owner: **Visitew, Andy**

Elevation (AMSL) (m): **679**

AEP: **150192**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **80,656.27**

Date Started: **29 Mar 90**

Northing: **5,933,525.50**

Date Completed: **30 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **18.6** to **20.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	674.4	Clay Yellow
15.5	663.1	Clay Blue
17.1	661.6	Sand
18.3	660.4	Clay Blue
20.7	657.9	Sandstone
22.3	656.4	Clay Blue
24.4	654.3	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-053-26 W4M**

Well Number **01572**

Well Owner: **Schwindt, Gary**

Elevation (AMSL) (m): **700**

AEP: **186128**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **82,116.75**

Date Started: **17 Sep 92**

Northing: **5,932,724.50**

Date Completed: **18 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.2** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **14.6** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	690.0	Clay Yellow
19.8	680.3	Clay & Sand Fine Grained
22.6	677.5	Clay Blue
25.0	675.1	Sand Coarse Grained
26.2	673.9	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**15-11-053-26 W4M**

Well Number **01573**

Well Owner: **Chevron**

Elevation (AMSL) (m): **694**

AEP: **153788**

Drilling Contractor: *Mcallister Waterwells Ltd.*

Licence No.:

Easting: **84,594.72**

Date Started: **18 Sep 90**

Northing: **5,933,642.22**

Date Completed: **19 Sep 90**

**General:**

Type of Work: **Cathodic Protection**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **71.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	692.5	Topsoil
6.4	687.4	Till Brown
19.2	674.6	Till Gray
20.1	673.6	Sand Coarse Grained
21.9	671.8	Coal Fractured
26.5	667.2	Sand & Gravel
71.6	622.1	Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

02-14-053-26 W4M

Well Number 01588

Well Owner: **Bihun, M.**

Elevation (AMSL) (m): **696**

AEP: **260131**

Licence No.:

Easting: **84,616.06**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **05 Jul 95**

Northing: **5,934,048.50**

Date Completed: **05 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.7** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05422** Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **12.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	688.3	Clay Brown
23.5	672.7	Sand Fine Grained Brown
24.7	671.5	Clay Gray
31.1	665.1	Sand Coarse Grained Gray
31.7	664.5	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01589**

Well Owner: **Aanestad, Randy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **674**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160796**  
 Easting: **84,730.52**  
 Northing: **5,935,319.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-053-26 W4M**

Well Number **01590**

Well Owner: **Bldg Bunch Ltd/Starko, Alex**

Elevation (AMSL) (m): **674**

AEP: **206873**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **84,730.52**

Date Started: **12 Sep 77**

Northing: **5,935,319.50**

Date Completed: **15 Sep 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Welded Ring**  
 from (m): to **28.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **91.4**  
 Perforated How: **Torch**  
 from (m): **53.0** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	667.8	Clay
20.4	653.5	Sand & Till
22.6	651.3	Shale Green
23.2	650.7	Sandstone
24.4	649.5	Shale Sandy Gray
25.0	648.9	Shale Brown
29.3	644.6	Shale Gray
54.6	619.3	Shale Green
73.2	600.7	Shale Sandy Gray
74.7	599.2	Coal
89.0	584.9	Shale Sandy Gray
89.9	584.0	Coal
91.4	582.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01591**

Well Owner: **Deschenes, Carl(X-Cel Homes)**

Elevation (AMSL) (m): **661**

AEP: **238850**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **84,384.08**

Date Started: **01 Dec 93**

Northing: **5,935,603.00**

Date Completed: **03 Dec 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.6** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **60.4** Bottom (m): **77.7**  
 Perforated How: **Saw**  
 from (m): **61.3** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **40.2**  
 Rec'd intake (m): **65.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
10.4	651.1		Clay
10.7	650.8		Coal
14.3	647.1		Shale
16.5	645.0		Sandstone
20.7	640.7		Shale
22.6	638.9		Sandstone
29.0	632.5		Shale
39.6	621.8		Sandstone
62.5	599.0		Shale
65.5	595.9		Coal
71.6	589.8		Shale
75.6	585.9		Sandstone
78.6	582.8		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01592**

Well Owner: **Helenslea Farming Ltd**

Elevation (AMSL) (m): **671**

AEP: **231533**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **84,568.13**

Date Started: **20 Dec 93**

Northing: **5,935,393.50**

Date Completed: **21 Dec 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **11.6** Bottom (m): **11.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **11.6** to **13.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.1**

**Testing:**

Rate (lpm): **16.0** Time (minute): **360.0**  
 Level End (m): **10.7** Drawdown (m): **7.9**  
 Rec'd intake (m): **10.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	669.4	Clay Yellow
10.7	660.6	Clay Blue
13.4	657.8	Sand & Coal Gravelly
15.5	655.7	Clay Blue
24.4	646.9	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 14-053-26 W4M**

Well Number **01593**

Well Owner: **Horning, Herb**

Elevation (AMSL) (m): **674**

AEP: **272597**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **84,730.52**

Date Started: **12 Oct 77**

Northing: **5,935,319.50**

Date Completed: **13 Oct 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm):  
 from (m): **25.0** to **26.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	667.8	Clay
15.2	658.6	Till Sandy
21.6	652.2	Till
26.5	647.4	Till Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01594**

Well Owner: **Hutton, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **674**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156778**  
 Easting: **84,730.52**  
 Northing: **5,935,319.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 14-053-26 W4M**

Well Number **01595**

Well Owner: **Kozar, Ignaz (Space Homes L**  
 Drilling Contractor: *Big Iron Drilling Ltd.*

Elevation (AMSL) (m): **664**      AEP: **192979**  
 Licence No.:                              Easting: **84,649.32**  
 Date Started: **18 Nov 92**          Northing: **5,935,590.00**  
 Date Completed: **02 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m): **33.5**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **53.6**                              Bottom (m): **53.6**  
 OD (mm): **139.7**                              Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                              to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3**                              Thickness (mm): **0.1**  
 Top (m): **51.5**                              Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **64.0**      to **76.2**                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Open Hole:**  
 from (m):                              to  
**Pump: Sub**  
 Model: **Goulds**                              Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9**                              Time (minute): **120.0**  
 Level End (m): **54.9**                              Drawdown (m): **12.2**  
 Rec'd intake (m): **61.0**                              Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	658.7	Clay
10.7	652.9	Till Gray
13.4	650.2	Till Sandy
15.9	647.8	Gravel
24.4	639.2	Shale & Coal Gray
25.6	638.0	Shale Brownish Gray
43.3	620.3	Shale Gray
44.8	618.8	Shale Dark Gray
49.4	614.2	Shale & Sandstone Gray
56.7	606.9	Shale Gray
60.4	603.3	Shale Brownish Gray
70.1	593.5	Shale Gray
73.5	590.2	Shale & Coal Gray
75.0	588.6	Shale & Coal Brown
76.2	587.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                              m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-053-26 W4M**

Well Number **01596**

Well Owner: **Milner, Dave**

Elevation (AMSL) (m): **678**

AEP: **200455**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,783.32**

Date Started: **08 Mar 93**

Northing: **5,935,081.94**

Date Completed: **10 Mar 93**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 10 Mar 93**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	673.8	Clay Sandy Yellow
15.5	662.8	Clay Soft Blue
18.9	659.5	Clay & Sand
20.4	657.9	Shale Gray
24.4	654.0	Shale Greenish Gray
29.0	649.4	Sandstone
34.1	644.2	Shale Green
36.0	642.4	Sandstone
49.7	628.7	Shale Green
51.8	626.5	Shale Sandy Gray
53.0	625.3	Shale Soft Dark Brown
74.7	603.7	Shale Sandy Gray
83.2	595.1	Shale & Coal Brown
86.0	592.4	Shale Gray
90.8	587.5	Shale Sandy Gray
93.0	585.4	Shale Gray
93.6	584.8	Coal
97.5	580.8	Shale Gray
99.1	579.3	Shale & Coal Brown
103.0	575.3	Shale Gray
104.2	574.1	Shale & Coal Brown
109.7	568.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01597**

Well Owner: **Petaski, Doug**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **664**  
 Licence No.:  
 Date Started: **19 Jul 93**  
 Date Completed: **23 Jul 93**  
 AEP: **238066**  
 Easting: **84,523.02**  
 Northing: **5,935,570.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **18.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **48.8** to **54.9** Size:  
 from (m): **67.1** to **73.2** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **10.3** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **57.3**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **9.1**

<b>Depth</b>	<b>Elevation</b>	
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	655.1	Clay
11.3	652.7	Clay & Coal
12.2	651.7	Coal
18.0	646.0	Shale Green
28.0	635.9	Shale Brown
29.9	634.1	Shale Sandy
36.3	627.7	Shale
36.6	627.4	Sandstone Hard
44.2	619.7	Shale Sandy
44.5	619.4	Sandstone Hard
54.3	609.7	Shale Sandy
71.0	592.9	Shale
73.2	590.8	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01598**

Well Owner: **Petasky, Arlene**

Elevation (AMSL) (m): **674**

AEP: **169101**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **84,730.52**

Date Started: **08 Sep 92**

Northing: **5,935,319.50**

Date Completed: **09 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **15.2** to **15.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **5da5b Duro** Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **18.0**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	670.5	Clay
17.1	656.8	Silt & Coal
21.3	652.5	Clay Sandy
25.9	648.0	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01599**

Well Owner: **Pollock, Sherle**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **674**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156777**  
 Easting: **84,732.33**  
 Northing: **5,935,317.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-053-26 W4M**

Well Number **01600**

Well Owner: **Reichert, Keith**

Elevation (AMSL) (m): **666**

AEP: **230480**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **84,409.34**

Date Started: **28 Sep 93**

Northing: **5,935,465.50**

Date Completed: **29 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.4** Bottom (m): **35.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **35.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.1** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **54.9** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **87.8**

**Testing:**

Rate (lpm): **54.7** Time (minute): **240.0**  
 Level End (m): **77.1** Drawdown (m): **53.6**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

3.7	662.2	Clay Yellow
17.4	648.5	Clay Blue
18.3	647.6	Sand & Gravel
19.5	646.4	Clay Blue
20.7	645.2	Coal
22.3	643.6	Shale Green
23.2	642.7	Coal
32.9	633.0	Sandstone
39.0	626.9	Shale Green
44.8	621.1	Sandstone
52.4	613.5	Shale Gray
53.0	612.9	Sandstone
64.6	601.3	Shale Gray
67.4	598.5	Coal
72.8	593.1	Shale Gray
73.8	592.1	Coal
78.0	587.9	Shale Gray
78.6	587.3	Coal
85.6	580.3	Shale Gray
86.3	579.6	Coal
87.8	578.1	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01601**

Well Owner: **Space Homes Ltd**

Elevation (AMSL) (m): **663**

AEP: **192862**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **84,566.32**

Date Started: **09 Dec 92**

Northing: **5,935,615.50**

Date Completed: **08 Jan 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **89.9** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **63.7** Bottom (m): **63.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **63.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **62.2** Bottom (m): **89.9**  
 Perforated How: **Torch**  
 from (m): **66.4** to **70.1** Size:  
 from (m): **82.3** to **88.4** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Submersable**  
 Model: **5g07412** Intake (m): **89.9**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **85.3** Drawdown (m): **64.0**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	657.8	Silt Brown
7.6	655.0	Clay Gray
11.6	651.1	Gravel Silty
19.8	642.8	Clay Gray
45.1	617.5	Shale Gray
47.9	614.8	Siltstone Gray
54.3	608.4	Sand & Shale Brownish Gray
56.1	606.6	Stones Interbedded
67.1	595.6	Shale Light Brown
70.7	591.9	Coal
77.7	584.9	Shale Gray
82.6	580.1	Siltstone Gray
88.4	574.3	Shale Dark Brown
89.9	572.7	Siltstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-26 W4M**

Well Number **01602**

Well Owner: **Vinkler, Frank**

Elevation (AMSL) (m): **663**

AEP: **243923**

Drilling Contractor: **M&S Water Well Drilling**

Licence No.:

Easting: **84,661.95**

Date Started: **15 Jul 94**

Northing: **5,935,621.00**

Date Completed: **21 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **32.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **152.4** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **109.7**  
 Perforated How: **Machine**  
 from (m): **103.6** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **106.7**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **88.4** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	660.7	Clay Yellow
7.3	655.8	Clay Blue
9.1	654.0	Sand & Rocks
11.6	651.5	Clay Sandy Blue
13.4	649.7	Sand
15.2	647.9	Clay & Rocks
18.3	644.8	Sandstone
19.8	643.3	Sandstone Hard
24.4	638.7	Shale Bentonitic Gray
25.9	637.2	Shale Gray
28.0	635.1	Sandstone Fractured
33.5	629.6	Shale Gray
36.6	626.5	Rocks Hard Gray
39.6	623.5	Shale
40.2	622.9	Rocks Black
45.7	617.4	Shale & Rocks Gray
48.8	614.3	Shale & Sandstone
54.9	608.3	Shale Brownish Gray
68.0	595.1	Shale & Rocks Soft Gray
70.1	593.0	Sandstone
73.2	590.0	Shale & Coal Brown
79.2	583.9	Sandstone & Rocks Brown
85.3	577.8	Shale Gray
88.4	574.7	Shale & Sandstone Brown
97.5	565.6	Shale & Sandstone Brown
103.6	559.5	Sandstone & Coal Brown
109.7	553.4	Coal Brownish Gray
115.8	547.3	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 14-053-26 W4M**

Well Number **01603**

Well Owner: **Wilbee, Ron**

Elevation (AMSL) (m): **661**

AEP: **238065**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **84,519.41**

Date Started: **25 Feb 94**

Northing: **5,935,673.00**

Date Completed: **01 Mar 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.8** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **42.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.5** Bottom (m): **83.8**  
 Perforated How: **Saw**  
 from (m): **61.0** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **83.8**

**Testing:**

Rate (lpm): **43.3** Time (minute): **120.0**  
 Level End (m): **72.2** Drawdown (m): **51.8**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.2	655.7		Clay Sandy Yellow
	10.1	650.8		Clay Blue
	28.7	632.2		Sandstone
	35.7	625.2		Shale & Coal Brown
	39.6	621.2		Shale Gray
	63.7	597.2		Shale Greenish Gray
	65.2	595.6		Sandstone
	67.4	593.5		Sandstone Gray
	68.9	592.0		Shale & Coal Brown
	71.3	589.5		Shale Gray
	76.8	584.1		Sandstone
	78.6	582.2		Shale & Coal Brown
	83.8	577.0		Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-053-26 W4M**

Well Number **01604**

Well Owner: **Bihun, M.**

Elevation (AMSL) (m): **691**

AEP: **260132**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **84,799.78**

Date Started:

Northing: **5,934,271.54**

Date Completed:

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 13 Jul 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 14-053-26 W4M**

Well Number **01605**

Well Owner: **Letwyn, Mike**

Elevation (AMSL) (m): **678**

AEP: **153158**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **83,639.03**

Date Started: **24 Sep 90**

Northing: **5,934,647.00**

Date Completed: **24 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **22.9** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **19.5** to **21.0** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **3.1** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	674.2	Clay Yellow
8.5	669.6	Sand Silty
13.7	664.4	Clay Soft Blue
19.8	658.3	Sand & Coal Fine Grained
21.9	656.2	Clay Blue
22.9	655.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 15-053-26 W4M**

Well Number **01606**

Well Owner: **Imperial Oil**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **652**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **271666**  
 Easting: **82,338.56**  
 Northing: **5,935,047.27**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **67.1** (m)  
 NPWL (m): **57.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **26 May 60**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>810.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>20.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>125.14</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>2.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>515.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 15-053-26 W4M**

Well Number **01607**

Well Owner: **Halstan, Paul**

Elevation (AMSL) (m): **678**

AEP: **272588**

Drilling Contractor: *Gordon'S Drilling Ltd.*

Licence No.:

Easting: **83,142.25**

Date Started: **30 May 85**

Northing: **5,934,382.50**

Date Completed: **30 May 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **13.1** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Culvert**  
 Depth (m): **12.5** Bottom (m): **12.5**  
 OD (mm): **584.2** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **9.8**  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **4.0**  
 Rec'd intake (m): **9.8** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 7.9 670.6 *Clay Silty*  
 13.1 665.4 *Clay & Sand*

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-053-26 W4M**

Well Number **01608**

Well Owner: **Utas, Gordon**

Elevation (AMSL) (m): **678**

AEP: **160257**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **83,142.25**

Date Started: **10 Dec 91**

Northing: **5,934,382.50**

Date Completed: **10 Dec 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **1.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **10.1** Bottom (m): **10.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.8**  
 from (m): **10.1** to **11.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **12.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **60.0**  
 Level End (m): Drawdown (m): **4.3**  
 Rec'd intake (m): **12.5** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	675.4			Clay Silty Brown
4.3	674.2			Silt Soft Gray
10.1	668.4			Sand & Clay Stringers Very Fin
11.6	666.9			Sand Very Fine Grained
13.1	665.4			Clay Silty
14.6	663.9			Sand Very Fine Grained Gray
18.3	660.2			Till Sandy Gray
23.2	655.3			Sandstone Clayey
25.0	653.5			Shale Brown
25.3	653.2			Coal
25.6	652.9			Shale Brown
26.2	652.3			Concretions Hard Brown
30.5	648.0			Shale & Sandy Stringers

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 15-053-26 W4M**

Well Number **01609**

Well Owner: **Kowalchuk, Nelson**

Elevation (AMSL) (m): **674**

AEP: **167759**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **82,470.91**

Date Started:

Northing: **5,934,211.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 16-053-26 W4M**

Well Number **01610**

Well Owner: **O'Donnell, John**

Elevation (AMSL) (m): **669**

AEP: **152802**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **80,735.30**

Date Started: **04 Sep 90**

Northing: **5,934,203.95**

Date Completed: **04 Sep 90**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	665.8	Clay Yellow
9.1	659.7	Clay Blue
10.7	658.2	Shale Brown
18.3	650.6	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SW 16-053-26 W4M**

Well Number **01611**

Well Owner: **O'Donnell, John**

Elevation (AMSL) (m): **669**

AEP: **152803**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **80,735.30**

Date Started: **04 Sep 90**

Northing: **5,934,203.95**

Date Completed: **04 Sep 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	663.4	Clay Yellow
9.8	659.1	Clay Blue
15.2	653.6	Shale Gray
18.3	650.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 16-053-26 W4M**

Well Number **01612**

Well Owner: **O'Donnell, John**

Elevation (AMSL) (m): **669**

AEP: **152801**

Licence No.:

Easting: **80,735.30**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **27 Aug 90**

Northing: **5,934,203.95**

Date Completed: **27 Aug 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	665.8	Coal Sandy
4.3	664.6	Clay Yellow
5.5	663.4	Stones Sandy
7.6	661.3	Clay Yellow
11.0	657.9	Clay Stoney Blue
12.8	656.1	Shale Sandy Gray
18.0	650.9	Shale Soft Gray
19.2	649.7	Shale Soft Brown
32.9	636.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 16-053-26 W4M**

Well Number **01613**

Well Owner: **Yakiwchuk, Ted**

Elevation (AMSL) (m): **667**

AEP: **157860**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **80,674.45**

Date Started: **30 May 91**

Northing: **5,934,127.50**

Date Completed: **31 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **15.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.9** Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **30.5** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **0.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	662.0	Clay Sandy
11.9	655.3	Clay & Shale Soft
12.2	655.0	Coal
14.9	652.3	Shale
15.5	651.7	Siltstone
18.0	649.2	Shale
18.9	648.3	Siltstone
20.4	646.8	Shale
22.3	645.0	Sandstone
23.5	643.7	Shale
23.8	643.4	Coal
25.9	641.3	Shale
29.0	638.3	Sandstone See Comments
29.9	637.3	Shale
30.2	637.0	Coal
33.2	634.0	Shale
33.8	633.4	Coal
34.8	632.5	Shale
36.6	630.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 17-053-26 W4M**

Well Number **01614**

Well Owner: **Joe'S Auto Electric**

Elevation (AMSL) (m): **660**

AEP: **162181**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **79,908.75**

Date Started: **21 Nov 91**

Northing: **5,934,306.50**

Date Completed: **21 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **10.4** Bottom (m): **10.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **10.4** to **11.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **3.1** Drawdown (m): **0.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	659.3	Topsoil Black
2.4	657.5	Clay Yellow
7.6	652.3	Clay Gray
9.4	650.5	Sand Gray
10.1	649.9	Gravel
11.0	649.0	Sand
11.6	648.4	Coal
11.9	648.1	Clay Gray
12.2	647.8	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-26 W4M**

Well Number **01615**

Well Owner: **Dueck, Marianne/Herb**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **659**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160663**  
 Easting: **77,109.91**  
 Northing: **5,935,223.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-053-26 W4M**

Well Number **01616**

Well Owner: **Sage, W.J.**

Elevation (AMSL) (m): **659**

AEP: **154045**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **77,107.27**

Date Started: **30 May 90**

Northing: **5,935,231.50**

Date Completed: **30 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Stock**  
 Completed Depth **23.2** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **7.0**  
 from (m): **10.1** to **10.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **23.2** Drawdown (m): **18.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	652.3	Sand Yellow
7.3	651.7	Clay Water Bearing Black
10.7	648.3	Sand & Clay Stringers Water Be
13.7	645.3	Clay Black
14.3	644.7	Clay Blue
22.9	636.1	Clay Black
23.2	635.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-26 W4M**

Well Number **01617**

Well Owner: **Woo, Jim**

Elevation (AMSL) (m): **658**

AEP: **159616**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **78,204.84**

Date Started: **16 Jul 79**

Northing: **5,934,467.50**

Date Completed: **17 Jul 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **33.5** to **36.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **32.9**  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **480.0**  
 Level End (m): **30.5** Drawdown (m): **28.4**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	654.5	Sand Brown
9.8	648.4	Clay
48.8	609.3	Clay & Silt Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-053-26 W4M**

Well Number **01618**

Well Owner: **Victoor Farms**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **656**  
 Licence No.:  
 Date Started: **03 Jul 91**  
 Date Completed: **03 Jul 91**  
 AEP: **158805**  
 Easting: **78,250.84**  
 Northing: **5,936,622.33**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **03 Jul 91**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	648.4	Clay Yellow
14.3	641.7	Clay Blue
17.4	638.7	Shale Gray
20.7	635.3	Shale Green
21.9	634.1	Coal
24.7	631.4	Shale Gray
27.1	628.9	Shale Sandy Gray
36.6	619.5	Shale Green
39.0	617.0	Shale Sandy Gray
39.6	616.4	Shale Brown
43.6	612.5	Shale Green
44.8	611.2	Shale Sandy Gray
47.6	608.5	Shale Gray
48.8	607.3	Shale Sandy Gray
49.7	606.4	Shale Gray
53.6	602.4	Shale Sandy Gray
54.9	601.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SE 20-053-26 W4M**

Well Number **01619**

Well Owner: **Kachuk, Nick**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **654**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161712**  
 Easting: **80,019.91**  
 Northing: **5,935,758.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **40.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 20-053-26 W4M**

Well Number **01620**

Well Owner: **Stewart, Frank**

Elevation (AMSL) (m): **655**

AEP: **168271**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **79,377.84**

Date Started: **25 Aug 92**

Northing: **5,935,663.00**

Date Completed: **25 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **91.4** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **61.0** to **73.2** Size:  
 from (m): **79.2** to **91.4** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **82.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	652.6	Till Sandy
7.6	647.4	Clay Brown
36.6	618.4	Sand
44.2	610.8	Clay Sandy
49.4	605.6	Clay Brown
62.5	592.5	Shale Gray
65.5	589.5	Sandstone
71.0	584.0	Shale Gray
71.9	583.1	Coal
72.5	582.5	Shale Brown
82.9	572.1	Shale Green
90.8	564.2	Sandstone
91.4	563.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-053-26 W4M**

Well Number **01621**

Well Owner: **Blair, Gerald R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **658**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156779**  
 Easting: **84,703.16**  
 Northing: **5,935,925.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 23-053-26 W4M**

Well Number **01622**

Well Owner: **Carter, Andre**

Elevation (AMSL) (m): **658**

AEP: **227884**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **84,703.16**

Date Started: **11 Mar 93**

Northing: **5,935,925.00**

Date Completed: **12 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.3** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **14.3** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **64.0** Drawdown (m): **46.3**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	653.6	Clay Yellow
6.1	651.5	Clay Blue
7.6	649.9	Clay & Gravel Sandy
10.1	647.5	Clay Blue
13.4	644.1	Clay & Coal Sandy
15.2	642.3	Clay Blue
20.7	636.8	Shale Gray
22.9	634.7	Shale & Coal Brown
25.6	632.0	Shale Sandy Gray
28.7	628.9	Shale Light Gray
32.6	624.9	Shale Sandy Gray
35.7	621.9	Shale Light Gray
37.2	620.4	Shale Sandy Gray
39.6	617.9	Shale Light Gray
43.3	614.3	Sandstone
56.4	601.2	Shale Gray
61.3	596.3	Shale Sandy Gray
71.6	585.9	Shale Gray
75.6	582.0	Sandstone
79.8	577.7	Coal
82.3	575.3	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-27 W4M**

Well Number **01640**

Well Owner: **Harris, Albert**

Elevation (AMSL) (m): **684**

AEP: **152021**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **76,788.16**

Date Started: **10 Oct 89**

Northing: **5,931,984.50**

Date Completed: **10 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **12.2** to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **15.9** to **17.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **13.7** Drawdown (m): **6.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
12.5	671.2		Clay
15.5	668.2		Sand
17.1	666.6		Coal Sandy
17.7	666.0		Sand
18.0	665.7		Clay
18.3	665.4		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-27 W4M**

Well Number **01641**

Well Owner: **Wangler, Wayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **686**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156781**  
 Easting: **76,721.61**  
 Northing: **5,931,721.36**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 01-053-27 W4M**

Well Number **01642**

Well Owner: **Ares, Louis**

Elevation (AMSL) (m): **691**

AEP: **158505**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **75,658.47**

Date Started: **04 Nov 80**

Northing: **5,930,981.00**

Date Completed: **05 Nov 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **21.6** to **22.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **136.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	680.5	Clay Sandy
15.2	675.9	Sand
17.4	673.8	Coal
23.2	668.0	Sand & Gravel See Comments
24.4	666.8	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 02-053-27 W4M**

Well Number **01643**

Well Owner: **Schwindt, Norman**

Elevation (AMSL) (m): **688**

AEP: **152521**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,320.66**

Date Started: **30 Jul 90**

Northing: **5,931,947.00**

Date Completed: **31 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.1** Bottom (m): **17.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **17.1** Bottom (m): **76.8**  
 Perforated How: **Machine**  
 from (m): **17.1** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	681.8	Clay Yellow
16.1	671.8	Clay Blue
17.7	670.2	Shale Gray
20.4	667.5	Shale & Coal Brown
22.3	665.7	Shale Gray
23.2	664.8	Shale & Coal Brown
27.4	660.5	Shale Gray
28.4	659.6	Coal
37.2	650.7	Shale Gray
46.9	641.0	Shale Sandy Gray
57.9	630.0	Shale Green
59.1	628.8	Shale Sandy Gray
59.7	628.2	Shale Gray
60.7	627.3	Shale & Coal Soft Brown
64.3	623.6	Shale Gray
65.2	622.7	Coal
77.7	610.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 05-053-27 W4M**

Well Number **01644**

Well Owner: **Spruce Bluff Estates Ltd.**

Elevation (AMSL) (m): **685**

AEP: **156782**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,076.00**

Date Started:

Northing: **5,931,973.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-053-27 W4M**

Well Number **01645**

Well Owner: **Weitzel, Wm**

Elevation (AMSL) (m): **697**

AEP: **227877**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,466.88**

Date Started: **15 Oct 91**

Northing: **5,930,710.50**

Date Completed: **15 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **28.0** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **24.4** to **25.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **9.1**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	691.8	Clay Yellow
13.7	683.5	Clay Blue
21.3	675.9	Sand
27.1	670.1	Gravel
28.0	669.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 07-053-27 W4M**

Well Number **01646**

Well Owner: **Kukurba, Mike**

Elevation (AMSL) (m): **682**

AEP: **167250**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **68,774.93**

Date Started: **09 Jun 92**

Northing: **5,933,783.50**

Date Completed: **11 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **41.8**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.3**  
 from (m): **41.8** to **43.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **7g03** Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **10.7** Drawdown (m): **9.1**  
 Rec'd intake (m): **33.8** Rec'd Rate (lpm): **41.1**

<u>Depth</u>	<u>Elevation</u>	
<u>(BGL)</u>	<u>(AMSL)</u>	<u>Lithologic Description</u>
<u>(m)</u>	<u>(m)</u>	
3.7	678.1	Sand
8.5	673.2	Clay
10.7	671.1	Sand
12.8	669.0	Clay
16.8	665.0	Sand
18.0	663.8	Clay
18.6	663.2	Gravel
20.7	661.0	Clay Sandy
22.9	658.9	Coal Gravelly
24.4	657.4	Clay
27.4	654.3	Sand & Gravel Coarse Grained
30.8	651.0	Clay
31.4	650.4	Sand & Gravel
32.3	649.4	Clay
34.1	647.6	Sand & Gravel
35.4	646.4	Clay Sandy
38.1	643.7	Sand
38.7	643.0	Gravel
51.8	629.9	Sand & Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

14-08-053-27 W4M

Well Number 01647

Well Owner: **Schelenberger, Ed.**

Elevation (AMSL) (m): **674**

AEP: **214694**

Drilling Contractor: *Letourneau R J*

Licence No.:

Easting: **69,590.41**

Date Started:

Northing: **5,933,751.00**

Date Completed: **02 Nov 68**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **21.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **104.7** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.1**  
 from (m): **17.4** to **20.4** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **77.5** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	667.5	Clay & Sand
12.2	661.4	Clay Blue
17.1	656.5	Clay Blue
17.7	655.9	Sand & Coal
18.3	655.3	Gravel
20.4	653.2	Gravel
21.0	652.6	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 08-053-27 W4M**

Well Number **01648**

Well Owner: **Killgour, Bill**

Elevation (AMSL) (m): **674**

AEP: **254278**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,303.18**

Date Started: **17 Jan 95**

Northing: **5,933,642.50**

Date Completed: **18 Jan 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **30.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.2** to **49.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 5s4513p** Intake (m): **42.7**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **37.2** Drawdown (m): **6.4**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.6	651.9	Clay Sandy Yellow
25.9	647.6	Clay & Sand
34.4	639.1	Clay Yellow
37.2	636.3	Clay & Sand
42.1	631.4	Clay Blue
50.0	623.5	Clay & Sand
54.9	618.6	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

---09-053-27 W4M

Well Number 01649

Well Owner: **Croken, Robert**

Elevation (AMSL) (m): **681**

AEP: **186749**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **71,451.56**

Date Started:

Northing: **5,933,009.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **44.2** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

**SE 09-053-27 W4M**

Well Number **01650**

Well Owner: **Kroker, Bob**

Elevation (AMSL) (m): **681**

AEP: **238068**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **71,835.56**

Date Started: **17 Nov 92**

Northing: **5,932,566.00**

Date Completed: **17 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **9.1** to **15.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **29.6**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	672.3	Clay Brown
13.1	667.4	Clay
24.1	656.5	Silt
44.2	636.4	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-27 W4M**

Well Number **01651**

Well Owner: **Prevale Const**

Elevation (AMSL) (m): **681**

AEP: **238067**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **71,835.56**

Date Started: **25 Aug 93**

Northing: **5,932,566.00**

Date Completed: **25 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **12.2** to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jacuzzi**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **205.2** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **7.6**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	671.4	Clay Brown
13.7	666.8	Clay Blue
27.4	653.1	Silt Blue
44.2	636.4	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 09-053-27 W4M**

Well Number **01652**

Well Owner: **Horton, John**

Elevation (AMSL) (m): **680**

AEP: **280688**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,621.02**

Date Started: **10 Sep 95**

Northing: **5,932,963.50**

Date Completed: **10 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **35.7** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **34.1** to **35.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **26.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	677.1			Sand Silty
27.4	652.7			Clay Blue
35.7	644.5			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 10-053-27 W4M**

Well Number **01653**

Well Owner: **Links Golf Course**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **672**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156783**  
 Easting: **73,611.83**  
 Northing: **5,933,557.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

11-12-053-27 W4M

Well Number 01654

Well Owner: Larue, Ken

Elevation (AMSL) (m): 671

AEP: 169102

Drilling Contractor: Fedorvich Drilling

Licence No.:

Easting: 76,018.16

Date Started: 28 Jul 92

Northing: 5,933,384.00

Date Completed: 30 Jul 92

**General:**

Type of Work: **New Well**  
Drilling Method: **Bored**  
Well Use: **Domestic & Stock**  
Completed Depth **15.5** (m)  
NPWL (m): **2.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type: **Puddled Clay**  
from (m): to **2.4**

**Liner:**

Type:  
OD (mm): **533.4** Thickness (mm): **0.0**  
Top (m): Bottom (m): **15.5**  
Perforated How: **Axe/Chisel**  
from (m): **6.1** to **15.5** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **15.5**

**Testing:**

Rate (lpm): **18.2** Time (minute): **360.0**  
Level End (m): **15.5** Drawdown (m): **12.8**  
Rec'd intake (m): **14.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.3	670.2	Topsoil Black
2.7	667.8	Clay & Rocks Light Brown
10.1	660.5	Clay Soft Gray
10.7	659.9	Sand Water Bearing Brown
14.6	655.9	Clay Soft Gray
15.5	655.0	Shale & Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-27 W4M**

Well Number **01655**

Well Owner: **Wagner, Bill**

Elevation (AMSL) (m): **672**

AEP: **150193**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **75,784.84**

Date Started:

Northing: **5,933,318.50**

Date Completed: **20 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **15.2** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): **9.1** to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **9.1** to **10.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **180.0**  
 Level End (m): **9.1** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.9	664.2	Clay Yellow
9.4	662.6	Clay Stony Blue
10.7	661.4	Coal Sandy
11.6	660.5	Clay Blue
15.2	656.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 12-053-27 W4M**

Well Number **01656**

Well Owner: **Wagner, Bill**

Elevation (AMSL) (m): **671**

AEP: **152022**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **75,882.96**

Date Started: **18 Jan 90**

Northing: **5,933,320.04**

Date Completed: **19 Jan 90**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **131.1** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **142.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **131.1**

**Testing:**

Rate (lpm): **2.3** Time (minute): **120.0**  
 Level End (m): **131.1** Drawdown (m): **93.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.6	663.7	Clay
11.6	659.7	Sand & Gravel
13.7	657.6	Clay
15.2	656.0	Bentonite
39.6	631.7	Shale Gray
39.9	631.4	Sandstone
40.8	630.4	Shale Gray
42.4	628.9	Sandstone
45.4	625.9	Shale Brown
46.0	625.3	Sandstone
46.9	624.3	Shale Brown
49.7	621.6	Sandstone
53.6	617.6	Shale Gray
54.6	616.7	Bentonite
64.0	607.3	Shale Gray
66.1	605.1	Sandstone
76.2	595.1	Shale Brown
76.8	594.5	Sandstone
80.8	590.5	Shale Brown
84.1	587.2	Sandstone
85.6	585.6	Shale Gray
96.9	574.4	Sandstone
97.2	574.1	Shale Brown
97.8	573.4	Coal
103.0	568.3	Shale Gray
103.6	567.7	Coal
112.8	558.5	Shale Gray
118.9	552.4	Sandstone
131.1	540.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 13-053-27 W4M**

Well Number **01657**

Well Owner: **Broughton, Allan**

Elevation (AMSL) (m): **656**

AEP: **254279**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **75,861.13**

Date Started: **25 Jun 93**

Northing: **5,935,275.00**

Date Completed: **12 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **100.6**  
 Perforated How: **Machine**  
 from (m): **88.4** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **88.4**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **240.0**  
 Level End (m): **82.3** Drawdown (m): **79.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	654.5	Clay Sandy
2.7	653.3	Sand
29.9	626.2	Clay Blue
30.8	625.2	Clay
33.8	622.2	Shale Green
50.0	606.0	Shale
50.3	605.7	Shale Sandy
86.9	569.2	Shale
93.9	562.2	Shale
94.2	561.8	Coal
98.5	557.6	Shale
98.8	557.3	Coal
100.6	555.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-053-27 W4M**

Well Number **01658**

Well Owner: **Jakes Potatoes**

Elevation (AMSL) (m): **665**

AEP: **152389**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,443.89**

Date Started: **18 Jun 90**

Northing: **5,935,527.50**

Date Completed: **19 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **43.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **38.1** to **39.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	654.2	Clay Yellow
12.2	652.7	Clay Blue
24.4	640.5	Shale Green
40.2	624.7	Sand
43.6	621.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-053-27 W4M**

Well Number **01659**

Well Owner: **Lemmen, Jeff**

Elevation (AMSL) (m): **669**

AEP: **156188**

Licence No.:

Easting: **75,442.16**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **28 May 91**

Northing: **5,935,274.50**

Date Completed: **29 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.3** to **33.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	663.8	Clay Yellow
15.2	654.1	Clay Blue
16.5	652.9	Sand
18.9	650.4	Clay Blue
20.7	648.6	Sand
29.0	640.4	Clay Blue
32.0	637.3	Sand & Coal
32.3	637.0	Clay Blue
34.8	634.6	Clay & Rocks See Comments
36.6	632.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 13-053-27 W4M**

Well Number **01660**

Well Owner: **Nagy, Kalman**

Elevation (AMSL) (m): **657**

AEP: **166436**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,839.31**

Date Started: **03 Jan 76**

Northing: **5,934,891.00**

Date Completed: **05 Jan 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **29.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **27.7** to **29.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	652.4			Clay Yellow
25.9	631.1			Clay Blue
29.0	628.0			Sand & Coal
31.7	625.3			Clay Blue
32.0	625.0			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-053-27 W4M**

Well Number **01661**

Well Owner: **Sterling, Roy**

Elevation (AMSL) (m): **658**

AEP: **160070**

Drilling Contractor: *Arts, Rene Well Drilling & Servicing*

Licence No.:

Easting: **75,457.76**

Date Started: **06 Jun 91**

Northing: **5,935,038.50**

Date Completed: **08 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.1** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **25.9** to **27.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.0** Bottom (m): **90.5**  
 Perforated How: **Machine**  
 from (m): **45.7** to **49.4** Size:  
 from (m): **57.9** to **64.0** Size:  
 from (m): **84.4** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **300.0**  
 Level End (m): **73.2** Drawdown (m): **70.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	653.1	Clay Sandy Brown
10.7	647.0	Clay Soft Gray
15.2	642.4	Clay Gray
22.9	634.8	Sand Brown
25.9	631.7	Clay Gray
29.3	628.4	Shale Greenish Gray
29.6	628.1	Shale Brown
29.9	627.8	Sandstone & Coal Fractured
32.0	625.7	Shale Gray
36.0	621.7	Shale Sandy
37.5	620.2	Shale Dark
39.9	617.7	Bentonite Gray
41.5	616.2	Shale Dark
42.1	615.6	Shale Hard Brown
42.4	615.3	Bentonite
43.3	614.4	Shale Hard Dark
46.9	610.7	Shale Greenish Gray
49.4	608.3	Sandstone
57.9	599.7	Shale Gray
61.0	596.7	Shale & Sandstone Sandy
62.5	595.2	Shale Greenish Gray
66.4	591.2	Shale & Sandstone Sandy
68.9	588.8	Shale Greenish Gray
71.9	585.7	Shale & Sandstone Sandy
75.3	582.4	Shale Dark
77.7	579.9	Shale & Sandstone Sandy
79.2	578.4	Shale Dark
81.7	576.0	Shale Greenish Gray
82.0	575.7	Coal
84.7	572.9	Shale Gray
85.0	572.6	Coal
88.4	569.3	Shale Gray
91.1	566.5	Sandstone
91.7	565.9	Coal
92.1	565.6	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-053-27 W4M**

Well Number **01662**

Well Owner: **Wirsta, Eugene**

Elevation (AMSL) (m): **657**

AEP: **282086**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **75,660.48**

Date Started:

Northing: **5,934,898.00**

Date Completed: **17 Sep 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **406.4** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	655.9	Clay
3.7	653.7	Sand Brown
11.9	645.5	Clay & Sand Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 14-053-27 W4M**

Well Number **01663**

Well Owner: **Oviatt, Bill**

Elevation (AMSL) (m): **657**

AEP: **227885**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **75,252.40**

Date Started: **09 Jun 93**

Northing: **5,934,973.00**

Date Completed: **09 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **29.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **23.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **23.5** to **24.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **9.1**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	652.9	Clay Silty Yellow
5.5	651.4	Clay Hard Yellow
11.9	645.0	Clay Blue
14.9	641.9	Clay & Sand
16.1	640.7	Sand
21.3	635.5	Clay Blue
25.9	631.0	Sand
29.9	627.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 14-053-27 W4M**

Well Number **01664**

Well Owner: **Nagtegaal, Jacob**

Elevation (AMSL) (m): **664**

AEP: **169928**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **73,846.57**

Date Started: **24 Sep 92**

Northing: **5,934,792.50**

Date Completed: **25 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.2**  
 from (m): **33.5** to **35.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **21.6** Drawdown (m): **0.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 15-053-27 W4M**

Well Number **01665**

Well Owner: **Parkland Village**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **663**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **163042**  
 Easting: **73,364.98**  
 Northing: **5,935,123.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-053-27 W4M**

Well Number **01666**

Well Owner: **Eidick, Lorne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **666**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156784**  
 Easting: **73,418.18**  
 Northing: **5,933,981.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**16-16-053-27 W4M**

Well Number **01667**

Well Owner: **Arc Th#82-77, 680**

Elevation (AMSL) (m): **666**

AEP: **196947**

Licence No.:

Easting: **71,993.63**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,935,085.42**

Date Completed: **21 Jul 77**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **262.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	664.0	Unknown
3.1	662.5	Till Brown
16.8	648.8	Clay Gray
22.9	642.7	Till Gray
30.5	635.1	Sand & Gravel
33.5	632.0	Shale & Coal Sandy Gray
35.0	630.5	Sandstone Gray
42.7	622.9	Shale Gray
44.2	621.4	Shale & Coal Dark Brown
51.8	613.7	Shale Gray
57.9	607.6	Sandstone Silty Light Gray
59.4	606.1	Shale & Coal Dark Brown
65.5	600.0	Shale Light Gray
67.1	598.5	Sandstone Silty Light Gray
70.1	595.5	Shale & Sandstone Silty Light
73.2	592.4	Shale Light Gray
76.2	589.4	Shale Brownish Gray
93.0	572.6	Shale Light Gray
94.5	571.1	Shale & Sandstone Light Gray
103.6	561.9	Shale Brownish Gray
105.2	560.4	Sandstone Gray
106.7	558.9	Shale & Coal Brownish Gray
108.2	557.4	Shale Light Gray
115.8	549.7	Sandstone
117.3	548.2	Coal
118.9	546.7	Shale Brownish Gray
123.4	542.1	Shale Brownish Gray
128.0	537.5	Shale & Sandstone Dark Gray
132.6	533.0	Shale Dark Gray
134.1	531.4	Shale & Sandstone Fine Grained
135.6	529.9	Shale & Gravel Dark Gray
140.2	525.4	Shale Greenish Gray
141.7	523.8	Shale & Coal Carbonaceous Gray
143.3	522.3	Shale Dark Gray
147.8	517.7	Shale Greenish Gray
172.2	487.3	Unknown
178.3	487.3	Shale & Sandstone Gray
182.9	482.7	Shale & Sandstone Greenish Gr
184.4	481.2	Shale & Sandstone Medium Grain
185.9	479.6	Shale & Sandstone Gray
189.0	476.6	Shale & Sandstone Brownish Gr
192.0	473.5	Shale Brownish Gray
195.1	473.5	Shale & Sandstone Gray
196.6	469.0	Shale & Sandstone Medium Grain
199.6	465.9	Shale & Sandstone Dark Gray
207.3	458.3	Shale & Sandstone Brownish Gr

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



09-16-053-27 W4M

Well Number 01668

Well Owner: **Lienau, Art & Sons**

Elevation (AMSL) (m): **665**

AEP: **243098**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,040.38**

Date Started: **22 Aug 94**

Northing: **5,934,969.00**

Date Completed: **22 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **40.8** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3** to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **37.2** to **38.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **38.7**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **2.1**  
 Rec'd intake (m): **6.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.1	662.9	Clay Sandy Yellow
32.9	632.1	Clay Sandy Blue
39.0	626.0	Sand
40.8	624.2	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 16-053-27 W4M**

Well Number **01669**

Well Owner: **Goebel, Gary**

Elevation (AMSL) (m): **665**

AEP: **231094**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **72,038.23**

Date Started: **21 Oct 93**

Northing: **5,934,979.00**

Date Completed: **22 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.8** to **35.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.9	639.1			Clay Blue
35.7	629.3			Sand
36.6	628.4			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 16-053-27 W4M**

Well Number **01670**

Well Owner: **Goebel, Gary**

Elevation (AMSL) (m): **665**

AEP: **166483**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **72,038.23**

Date Started: **25 May 92**

Northing: **5,934,979.00**

Date Completed: **28 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **116.4** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **50.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **116.4**  
 Perforated How: **Other**  
 from (m): **70.1** to **116.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **600.0**  
 Level End (m): **85.3** Drawdown (m): **82.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	661.7	Clay Sandy Yellow
30.2	634.8	Clay Blue
32.6	632.4	Sand
34.4	630.6	Clay Sandy Blue
35.7	629.3	Coal
39.3	625.7	Sandstone
51.2	613.8	Shale Green
53.0	612.0	Sandstone
71.9	593.1	Shale Greenish Gray
75.9	589.1	Sandstone
81.1	583.9	Shale Gray
83.5	581.5	Sandstone
92.4	572.7	Shale Gray
96.3	568.7	Sandstone
104.2	560.8	Shale Gray
106.1	558.9	Sandstone
107.6	557.4	Shale & Coal Brown
111.9	553.1	Shale Gray
114.0	551.0	Sandstone
116.4	548.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 16-053-27 W4M**

Well Number **01671**

Well Owner: **Lienau, James**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **665**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161715**  
 Easting: **72,038.23**  
 Northing: **5,934,979.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 16-053-27 W4M**

Well Number **01672**

Well Owner: **587755 Alberta Ltd**

Elevation (AMSL) (m): **671**

AEP: **258733**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,600.97**

Date Started: **21 Jul 95**

Northing: **5,934,078.00**

Date Completed: **24 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **52.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **50.9** Bottom (m): **67.7**  
 Perforated How: **Saw**  
 from (m): **52.4** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **McDonald** Intake (m): **24.4**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **10.7**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	670.0			Topsoil Black
4.3	667.2			Clay Yellow
22.3	649.2			Clay & Sand Blue
33.8	637.6			Sand & Coal
51.5	620.0			Clay Soft Blue
54.9	616.6			Shale Green
57.0	614.5			Shale Sandy Gray
57.9	613.6			Coal
58.5	613.0			Shale Brown
65.8	605.6			Shale Sandy Gray
66.4	605.0			Shale Green
68.0	603.5			Shale Sandy Gray
68.6	602.9			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-17-053-27 W4M

Well Number 01673

Well Owner: **Morrison Petro.Ltd. Sp#407**

Elevation (AMSL) (m): **672**

AEP: **162345**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **70,367.95**

Date Started:

Northing: **5,935,057.60**

Date Completed: **17 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **17 Jun 91**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**  
 18.0 654.0 *Clay Silty*

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-17-053-27 W4M

Well Number 01674

Well Owner: **Morrison Petro.Ltd. Sp#408**

Elevation (AMSL) (m): **672**

AEP: **162346**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **70,367.95**

Date Started:

Northing: **5,935,057.60**

Date Completed: **17 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **17 Jun 91**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**  
 18.0 654.0 *Clay Silty*

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-17-053-27 W4M

Well Number 01675

Well Owner: **Morrison Petro.Ltd. Sp#417**

Elevation (AMSL) (m): **672**

AEP: **162347**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **70,367.95**

Date Started:

Northing: **5,935,057.60**

Date Completed: **17 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **17 Jun 91**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**  
 18.0 654.0 *Clay Silty*

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



16-17-053-27 W4M

Well Number 01676

Well Owner: Morrison Petro.Ltd. Sp#422

Elevation (AMSL) (m): 672

AEP: 162348

Drilling Contractor: Unknown Driller

Licence No.:

Easting: 70,367.95

Date Started:

Northing: 5,935,057.60

Date Completed: 17 Jun 91

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth: **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 17 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m) Lithologic Description

18.0 654.0 Clay Silty

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-17-053-27 W4M

Well Number 01677

Well Owner: Morrison Petro.Ltd. Sp#424

Elevation (AMSL) (m): 672

AEP: 162349

Drilling Contractor: Unknown Driller

Licence No.:

Easting: 70,367.95

Date Started:

Northing: 5,935,057.60

Date Completed: 17 Jun 91

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth: **18.0** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **17 Jun 91**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)  
(m) (m)                      Lithologic Description  
18.0 654.0 Clay Silty

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 17-053-27 W4M**

Well Number **01678**

Well Owner: **Sage, Jeanette**

Elevation (AMSL) (m): **682**

AEP: **153972**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **69,084.30**

Date Started: **14 May 90**

Northing: **5,935,055.00**

Date Completed: **15 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **48.8** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **PI**  
 OD (mm): **1.5**  
 from (m): **43.6** to **45.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **29.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	676.8			Clay Sandy Yellow
22.3	659.7			Clay Sandy Blue
23.8	658.2			Sand & Gravel
25.9	656.0			Clay Blue
46.3	635.6			Sand
48.8	633.2			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 17-053-27 W4M**

Well Number **01679**

Well Owner: **Peterson, Robert**

Elevation (AMSL) (m): **674**

AEP: **155655**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **70,331.89**

Date Started: **16 Nov 90**

Northing: **5,934,078.00**

Date Completed: **20 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.4**                      Bottom (m): **28.4**  
 OD (mm): **127.0**                      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):                      to **24.4**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.4**                      to **29.9**                      Size: **0.01**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump: Sub**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **68.4**                      Time (minute): **1440.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m): **12.2**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	662.2	Sand
21.9	651.9	Clay Blue
25.9	647.9	Sand & Clay Stringers
29.9	643.9	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-27 W4M**

Well Number **01680**

Well Owner: **Johnson, Niel**

Elevation (AMSL) (m): **683**

AEP: **238758**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **69,068.05**

Date Started: **28 Mar 94**

Northing: **5,933,961.50**

Date Completed: **28 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **9.1** to **16.8**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **18.9** to **20.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **20.4**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **16.1** Drawdown (m): **16.1**  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	678.3	Clay Sandy Yellow
18.6	664.0	Clay Blue
21.9	660.6	Sand & Coal
22.9	659.7	Clay Sandy Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-27 W4M**

Well Number **01681**

Well Owner: **Starreveld, Elout**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **678**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **186750**  
 Easting: **69,366.84**  
 Northing: **5,934,022.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **132.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 17-053-27 W4M**

Well Number **01682**

Well Owner: **Tessier, Marcel**

Elevation (AMSL) (m): **678**

AEP: **151757**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **69,366.84**

Date Started: **07 Mar 90**

Northing: **5,934,022.50**

Date Completed: **07 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **28.7** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **51.8**  
 Perforated How: **Other**  
 from (m): **32.0** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.3	670.9	Clay Sandy Yellow
14.6	663.5	Clay Sandy Blue
21.6	656.5	Sand
24.1	654.1	Clay Blue
29.9	648.3	Shale Green
32.6	645.6	Shale Gray
34.4	643.7	Sandstone
37.8	640.4	Shale Gray
39.3	638.8	Sandstone
43.0	635.2	Shale Gray
48.2	630.0	Sandstone
51.8	626.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-27 W4M**

Well Number **01683**

Well Owner: **Hartum, Lorne**

Elevation (AMSL) (m): **691**

AEP: **162180**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,512.10**

Date Started: **04 Dec 91**

Northing: **5,934,746.00**

Date Completed: **04 Dec 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **34.1** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.8** to **32.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **13.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	685.4	Clay Yellow
16.8	674.7	Clay Blue
18.3	673.2	Sand
23.2	668.3	Clay Blue
34.1	657.3	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 18-053-27 W4M**

Well Number **01684**

Well Owner: **Hartum, Lorne**

Elevation (AMSL) (m): **691**

AEP: **155206**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,512.10**

Date Started: **15 Apr 76**

Northing: **5,934,749.50**

Date Completed: **20 Apr 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **35.0** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Other**  
 from (m): to **32.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.9** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **22.9** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	683.8	Clay Yellow
16.8	674.6	Clay Blue
18.3	673.1	Sand
22.9	668.5	Clay Blue
34.8	656.6	Sand & Coal
35.0	656.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-27 W4M**

Well Number **01685**

Well Owner: **Hartum, Lorne**

Elevation (AMSL) (m): **692**

AEP: **155205**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,504.59**

Date Started: **19 Aug 88**

Northing: **5,934,757.00**

Date Completed: **22 Aug 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **74.4** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.6** Bottom (m): **73.5**  
 Perforated How: **Machine**  
 from (m): **32.6** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **38.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	684.5	Clay Yellow
18.3	673.2	Clay Blue
22.9	668.6	Sand
30.5	661.0	Sand & Coal Coarse Grained
32.3	659.2	Clay Blue
33.5	658.0	Shale Green
37.8	653.7	Shale Sandy Gray
39.6	651.9	Shale & Coal Brown
41.2	650.4	Shale Gray
53.0	638.5	Shale Green
58.5	633.0	Shale Sandy Gray
68.3	623.2	Shale Green
73.2	618.4	Shale Sandy Gray
74.4	617.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-27 W4M**

Well Number **01686**

Well Owner: **Alexander, Fred**

Elevation (AMSL) (m): **682**

AEP: **238069**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **68,554.05**

Date Started: **14 Jul 93**

Northing: **5,934,009.00**

Date Completed: **14 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **24.4** to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jacuzzi**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **843.8** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **29.9**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	677.4			Clay Brown
18.3	663.7			Clay Blue
28.0	654.0			Silt Blue
50.3	631.7			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NH 19-053-27 W4M**

Well Number **01687**

Well Owner: **Benson, Sam**

Elevation (AMSL) (m): **697**

AEP: **152380**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **67,875.95**

Date Started: **11 Jun 90**

Northing: **5,936,507.00**

Date Completed: **11 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.9** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **21.3**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **19.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	696.2	Clay
4.0	693.2	Sand
4.6	692.6	Clay Blue
4.9	692.3	Sand
5.5	691.7	Stones
6.4	690.7	Clay
28.4	668.8	Clay Sandy
33.2	663.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-27 W4M**

Well Number **01688**

Well Owner: **Ehrenholz, Edwin**

Elevation (AMSL) (m): **694**

AEP: **180319**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,016.12**

Date Started: **25 Oct 93**

Northing: **5,936,505.00**

Date Completed: **25 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **49.1** Bottom (m): **49.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **49.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **49.1** to **50.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **3.7** Drawdown (m): **0.6**  
 Rec'd intake (m): **3.7** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	686.7	Clay Yellow
19.8	674.5	Clay Blue
25.3	669.0	Sand
26.8	667.5	Clay Blue
54.9	639.5	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-27 W4M**

Well Number **01689**

Well Owner: **Hanmer, Richard**

Elevation (AMSL) (m): **697**

AEP: **156189**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,815.03**

Date Started: **12 Feb 91**

Northing: **5,936,493.00**

Date Completed: **13 Feb 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **33.8** to **35.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	692.4	Clay Yellow
14.6	682.3	Clay Blue
22.9	674.1	Clay See Comments Blue
24.4	672.5	Sand & Coal
25.9	671.0	Clay Blue
29.9	667.1	Sand & Coal
31.4	665.5	Clay Blue
36.0	661.0	Sand & Coal
41.2	655.8	Clay Soft Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-27 W4M**

Well Number **01690**

Well Owner: **Shillington, Cliff**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **698**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156785**  
 Easting: **67,706.17**  
 Northing: **5,936,423.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-053-27 W4M**

Well Number **01691**

Well Owner: **Vandrasco, Jim**

Elevation (AMSL) (m): **695**

AEP: **186130**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,812.01**

Date Started: **02 Sep 92**

Northing: **5,936,391.50**

Date Completed: **02 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **27.4** to **29.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **7.0** Drawdown (m): **5.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	688.9	Clay Yellow
20.1	674.8	Clay Soft Blue
29.6	665.4	Sand
32.0	663.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 19-053-27 W4M**

Well Number **01692**

Well Owner: **Benner, Roy**

Elevation (AMSL) (m): **686**

AEP: **186136**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **68,577.60**

Date Started: **10 Oct 91**

Northing: **5,935,643.50**

Date Completed: **10 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **4.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **21.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **27.4** to **29.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **23.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **16.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	681.8	Sand & Silt
22.9	662.6	Clay
25.0	660.5	Sand Silty
26.8	658.7	Sand
27.7	657.8	Clay
29.0	656.6	Sand
30.5	655.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-053-27 W4M**

Well Number **01693**

Well Owner: **Billum, Barry**

Elevation (AMSL) (m): **686**

AEP: **159127**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **68,590.41**

Date Started: **06 Aug 91**

Northing: **5,935,865.00**

Date Completed: **07 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.7** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **18.3** Drawdown (m): **15.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	682.0			Clay Yellow
23.2	662.5			Clay Sandy Blue
31.4	654.3			Sand
31.7	654.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 19-053-27 W4M**

Well Number **01694**

Well Owner: **Chartrand, Richard**

Elevation (AMSL) (m): **686**

AEP: **157859**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **68,590.41**

Date Started: **25 Apr 91**

Northing: **5,935,865.00**

Date Completed: **25 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **16.8**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.0** to **30.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **21.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
21.9	663.8	Clay	See Comments
25.6	660.1	Sand	Fine Grained
28.4	657.4	Sand	
31.1	654.6	Sand & Gravel	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-053-27 W4M**

Well Number **01695**

Well Owner: **Faucher, R.**

Elevation (AMSL) (m): **686**

AEP: **169652**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **68,590.41**

Date Started: **09 Sep 92**

Northing: **5,935,865.00**

Date Completed: **10 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **51.8** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g05422** Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **49.1**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	682.0	Clay Brown
5.2	680.5	Sand & Gravel
28.4	657.4	Clay & Sand Gray
31.7	654.0	Sand & Gravel
32.3	653.4	Shale Green
34.8	651.0	Sandstone Gray
38.1	647.6	Shale Gray
39.9	645.8	Sandstone Gray
42.1	643.6	Shale Green
43.0	642.7	Sandstone Gray
44.5	641.2	Shale Gray
46.3	639.4	Sandstone Gray
50.9	634.8	Shale Green
53.6	632.1	Sandstone Gray
56.1	629.6	Shale Gray
56.7	629.0	Coal
59.1	626.6	Shale Brown
60.4	625.4	Sandstone Gray
68.0	617.7	Shale & Coal Brown
70.1	615.6	Sandstone Gray
72.2	613.5	Shale Green
74.1	611.6	Sandstone Gray
76.2	609.5	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-053-27 W4M**

Well Number **01696**

Well Owner: **Korkie, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **686**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **169515**  
 Easting: **68,590.41**  
 Northing: **5,935,865.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 19-053-27 W4M**

Well Number **01697**

Well Owner: **Neigel, John**

Elevation (AMSL) (m): **686**

AEP: **159837**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **68,530.45**

Date Started: **12 Sep 91**

Northing: **5,935,632.62**

Date Completed: **12 Sep 91**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **28.0** (m)  
 NPWL (m): **.3** Verified NPWL (m):  
 Abandonment: **Cuttings**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3** to **23.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **23.2** to **24.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **22.9**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **22.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	685.1	Topsoil
8.5	677.5	Clay Sandy Brown
9.1	676.9	Sand & Gravel Brown
15.2	670.8	Clay Gray
21.3	664.7	Clay Silty Gray
23.5	662.5	Till Clayey Gray
25.3	660.7	Sand & Gravel Gray
28.0	658.0	Till Clayey Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 19-053-27 W4M**

Well Number **01698**

Well Owner: **Sehn, John**

Elevation (AMSL) (m): **686**

AEP: **152075**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **68,590.41**

Date Started: **02 May 90**

Northing: **5,935,865.00**

Date Completed: **07 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **45.7** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **57.9**  
 Rec'd intake (m): **65.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	684.5	Sand
29.6	656.1	Clay Brown
39.9	645.8	Coal Sandy
41.2	644.6	Coal
44.8	640.9	Clay Gray
50.3	635.4	Shale
61.3	624.4	Sandstone
64.0	621.7	Sandstone Bentonitic
67.7	618.0	Shale Gray
71.9	613.8	Sandstone
73.2	612.6	Shale Gray
74.1	611.6	Shale
76.2	609.5	Sandstone Gray
76.8	608.9	Sandstone Brown
77.7	608.0	Shale Gray
79.2	606.5	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SH 19-053-27 W4M**

Well Number **01699**

Well Owner: **Adams, Kieth**

Elevation (AMSL) (m): **699**

AEP: **198246**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,451.66**

Date Started: **14 Dec 92**

Northing: **5,935,959.50**

Date Completed: **15 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **43.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **43.0** to **44.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **9.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	692.6	Clay Sandy Yellow
12.2	687.1	Clay Blue
16.8	682.6	Sand & Coal
29.6	669.8	Clay Blue
33.5	665.8	Sand & Coal
37.8	661.5	Clay Blue
47.2	652.1	Sand & Coal
50.3	649.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SH 19-053-27 W4M**

Well Number **01700**

Well Owner: **Duiker, Bill**

Elevation (AMSL) (m): **691**

AEP: **153421**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,705.04**

Date Started: **02 Nov 90**

Northing: **5,935,550.00**

Date Completed: **02 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **30.5** to **31.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **22.3** Drawdown (m): **9.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	680.4	Clay Yellow
17.7	673.1	Clay Blue
21.6	669.2	Sand & Coal
23.5	667.3	Clay Blue
33.5	657.3	Sand & Coal
36.6	654.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SH 19-053-27 W4M**

Well Number **01701**

Well Owner: **Mulak, Marshall**

Elevation (AMSL) (m): **690**

AEP: **186129**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,977.56**

Date Started: **03 Jul 92**

Northing: **5,935,971.00**

Date Completed: **03 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **35.0** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **31.4** to **32.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **5.5** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	687.6	Topsoil Black
3.7	686.4	Clay Blue
6.1	683.9	Clay Yellow
18.3	671.7	Clay Blue
24.4	665.6	Clay & Sand
27.4	662.6	Clay Blue
33.5	656.5	Sand & Coal
35.0	655.0	Clay & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-27 W4M**

Well Number **01702**

Well Owner: **Chartrand, Richard**

Elevation (AMSL) (m): **692**

AEP: **166979**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **67,678.44**

Date Started: **10 Jul 92**

Northing: **5,935,861.50**

Date Completed: **10 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): to **10.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **21.3** to **22.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	688.6	Sand Silty
5.2	687.1	Clay Silty
7.3	685.0	Gravel
11.3	681.0	Clay Silty
17.7	674.6	Sand & Coal
18.3	674.0	Clay
22.6	669.7	Sand & Coal
24.1	668.2	Sand
25.0	667.3	Clay
25.6	666.7	Coal
25.9	666.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-27 W4M**

Well Number **01703**

Well Owner: **Chartrand, Richard**

Elevation (AMSL) (m): **694**

AEP: **217783**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **67,716.73**

Date Started: **23 Jul 93**

Northing: **5,935,705.50**

Date Completed: **23 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **14.3** to **15.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **23.8** to **25.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **60.0**  
 Level End (m): **21.3** Drawdown (m): **16.1**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	680.1	Clay & Silt
25.9	667.9	Sand
29.0	664.9	Clay & Sand
29.6	664.3	Coal
30.5	663.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-27 W4M**

Well Number **01704**

Well Owner: **Fehr, Jake**

Elevation (AMSL) (m): **690**

AEP: **186132**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,990.74**

Date Started: **19 Aug 92**

Northing: **5,936,072.50**

Date Completed: **19 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **37.2** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.4** to **35.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **95.8** Time (minute): **420.0**  
 Level End (m): **5.5** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	682.7	Clay Yellow
17.7	672.0	Clay Blue
22.9	666.8	Clay & Sand
24.4	665.3	Sand & Coal
29.9	659.8	Clay Blue
30.5	659.2	Sand & Coal
36.6	653.1	Shale Green
37.2	652.5	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-27 W4M**

Well Number **01705**

Well Owner: **Mclaughlin, Bernie**

Elevation (AMSL) (m): **692**

AEP: **169282**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **67,678.44**

Date Started: **05 Aug 92**

Northing: **5,935,861.50**

Date Completed: **05 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **18.3** to **19.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.9** to **31.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **20.7**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	674.0	Silt Brown
24.4	667.9	Clay
31.4	660.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 19-053-27 W4M**

Well Number **01706**

Well Owner: **Nellis, Judy**

Elevation (AMSL) (m): **701**

AEP: **217784**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **67,400.02**

Date Started: **12 May 93**

Northing: **5,935,957.50**

Date Completed: **13 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.3** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **25.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **41.8** to **43.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **43.3**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **16.5**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	695.6			Clay Yellow
7.3	693.8			Clay Blue
11.3	689.8			Sand
17.7	683.4			Clay Blue
19.5	681.6			Sand
24.1	677.0			Clay Blue
25.9	675.2			Sand
29.9	671.2			Clay Blue
46.0	655.1			Sand & Gravel
46.3	654.8			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-053-27 W4M**

Well Number **01707**

Well Owner: **Shandro, Gary**

Elevation (AMSL) (m): **693**

AEP: **158938**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,827.23**

Date Started: **29 Jul 91**

Northing: **5,936,122.50**

Date Completed: **30 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **5.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Benseal**  
 from (m): **41.5** to **42.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **262.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	692.2	Topsoil
2.7	690.1	Clay Sandy Brown
4.6	688.2	Clay Oxidized Brown
6.7	686.1	Clay Gray
25.3	667.5	Silt Gray
42.7	650.1	Till & Clay Gray
44.2	648.6	Sand Fine Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 19-053-27 W4M**

Well Number **01708**

Well Owner: **Tully, Pat**

Elevation (AMSL) (m): **696**

AEP: **158937**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,551.75**

Date Started: **17 Jul 91**

Northing: **5,936,171.00**

Date Completed: **21 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **57.6** to **59.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **106.7**  
 Perforated How: **Machine**  
 from (m): **64.0** to **70.1** Size:  
 from (m): **88.4** to **94.5** Size:  
 from (m): **100.6** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **97.5**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **97.5** Drawdown (m): **85.6**  
 Rec'd intake (m): **100.0** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	691.2	Sand Brown
11.0	685.1	Clay Brown
11.6	684.5	Coal
20.7	675.4	Clay Gray
35.4	660.8	Clay & Coal Gray
36.3	659.8	Gravel
40.2	655.9	Sand & Coal Fine Grained Gray
43.3	652.8	Gravel
45.1	651.0	Sand Coarse Grained
46.3	649.8	Coal
56.4	639.7	Sand Coarse Grained
57.6	638.5	Sandstone Gray
68.6	627.5	Shale
70.4	625.7	Sandstone Gray
71.0	625.1	Shale Brown
73.8	622.4	Sandstone Gray
80.8	615.3	Shale Brown
82.0	614.1	Sandstone Gray
83.5	612.6	Shale Green
86.6	609.6	Siltstone
87.2	608.9	Coal
95.4	600.7	Shale
97.8	598.3	Siltstone
106.7	589.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-27 W4M**

Well Number **01709**

Well Owner: **Brown, Ken**

Elevation (AMSL) (m): **677**

AEP: **177269**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,016.26**

Date Started: **08 Aug 94**

Northing: **5,935,571.50**

Date Completed: **09 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **39.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.6** to **41.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **27.4**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	0.3	676.9		Topsoil
	2.4	674.8		Clay & Sand Yellow
	18.0	659.2		Clay Blue
	18.9	658.3		Sand Coarse Grained Gray
	19.2	658.0		Shale Green
	23.8	653.4		Shale Gray
	44.2	633.0		Sand
	45.7	631.5		Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 21-053-27 W4M**

Well Number **01710**

Well Owner: **Singer, Henry**

Elevation (AMSL) (m): **672**

AEP: **152393**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **72,024.62**

Date Started: **25 Jan 90**

Northing: **5,936,536.50**

Date Completed: **26 Jan 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.4** to **36.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	670.9			Topsoil
2.7	668.8			Clay Yellow
4.0	667.6			Clay Sandy Blue
23.5	648.1			Clay Soft Blue
37.2	634.4			Sand
38.1	633.4			Clay Blue
41.2	630.4			Clay Stoney Yellow

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-053-27 W4M**

Well Number **01711**

Well Owner: **Shmeit, Otto**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **670**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161716**  
 Easting: **70,895.68**  
 Northing: **5,936,658.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 21-053-27 W4M**

Well Number **01712**

Well Owner: **Mapplebeck, Lyle Harvey**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **670**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156786**  
 Easting: **71,942.46**  
 Northing: **5,935,785.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 22-053-27 W4M**

Well Number **01713**

Well Owner: **Shennan, Charlene**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **657**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **166132**  
 Easting: **73,680.16**  
 Northing: **5,936,636.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 22-053-27 W4M**

Well Number **01714**

Well Owner: **Moro, Don**

Elevation (AMSL) (m): **664**

AEP: **152298**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **72,751.70**

Date Started: **10 May 90**

Northing: **5,937,054.50**

Date Completed: **10 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.4** Bottom (m): **35.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3** to **22.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **35.4** to **36.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	652.6	Clay Silty Blue
12.2	651.4	Sand
23.5	640.1	Clay Blue
38.1	625.4	Sand
42.7	620.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-27 W4M**

Well Number **01715**

Well Owner: **Poburan, Chris & Elizabeth**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **657**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156787**  
 Easting: **73,592.67**  
 Northing: **5,935,997.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 22-053-27 W4M**

Well Number **01716**

Well Owner: **Langdale, Eva**

Elevation (AMSL) (m): **670**

AEP: **155699**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **72,466.84**

Date Started: **23 Apr 91**

Northing: **5,935,971.50**

Date Completed: **23 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **15.5** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **13.7** to **15.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **9.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	667.0	Clay Yellow
12.5	657.9	Clay Blue
15.2	655.1	Sand & Coal
15.5	654.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 23-053-27 W4M**

Well Number **01717**

Well Owner: **Summers, Julie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **658**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168265**  
 Easting: **73,897.05**  
 Northing: **5,936,363.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-053-27 W4M**

Well Number **01718**

Well Owner: **L'Hirondelle, Ron**

Elevation (AMSL) (m): **674**

AEP: **158155**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **76,863.72**

Date Started: **15 Jun 91**

Northing: **5,937,311.50**

Date Completed: **17 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **91.4** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **91.4**  
 Perforated How: **Other**  
 from (m): **61.0** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **300.0**  
 Level End (m): **73.2** Drawdown (m): **49.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	670.4	Clay Yellow
4.9	669.2	Sand Yellow
7.3	666.7	Clay Blue
11.6	662.5	Shale Gray
17.4	656.7	Sandstone
26.2	647.8	Shale Gray
29.9	644.2	Sandstone
33.8	640.2	Shale Gray
37.8	636.3	Sandstone
38.7	635.3	Shale & Coal Brown
40.8	633.2	Sandstone
46.3	627.7	Shale Gray
49.1	625.0	Sandstone
51.8	622.2	Shale Gray
56.1	618.0	Sandstone
63.1	611.0	Shale Green
68.3	605.8	Sandstone
73.5	600.6	Shale Gray
75.0	599.1	Sandstone
81.4	592.7	Shale Gray
84.7	589.3	Sandstone
86.6	587.5	Shale Gray
88.4	585.7	Sandstone
91.4	582.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-27 W4M**

Well Number **01719**

Well Owner: **Wocasek, Clarence**

Elevation (AMSL) (m): **696**

AEP: **260133**

Drilling Contractor: *Chappell, W. Drilling*

Licence No.:

Easting: **73,861.32**

Date Started: **15 Jul 95**

Northing: **5,938,724.50**

Date Completed: **29 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **45.7**  
 Perforated How: **Torch**  
 from (m): **25.0** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **35.0**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	689.1			Clay Sandy
14.6	681.2			Clay Sandy Gray
17.1	678.8			Shale Gray
21.3	674.5			Sandstone
24.4	671.5			Shale Gray
25.0	670.9			Shale Black
27.1	668.7			Sandstone
29.0	666.9			Shale Gray
29.6	666.3			Shale Black
35.0	660.8			Sandstone
45.7	650.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 27-053-27 W4M**

Well Number **01720**

Well Owner: **Lofthouse, Roger/Prbm Rpt.**

Elevation (AMSL) (m): **663**

AEP: **152023**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **73,381.62**

Date Started: **05 Sep 89**

Northing: **5,937,330.50**

Date Completed: **07 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **165.1** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **19.5** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): **48.8** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **22.6** to **28.0** Size:  
 from (m): **31.1** to **31.4** Size:  
 from (m): **39.6** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **32.0** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	656.5	Clay Brown
15.2	647.4	Clay Gray
22.6	640.1	Shale Gray
28.0	634.6	Sandstone
28.7	634.0	Shale & Coal
31.1	631.5	Shale Green
39.6	623.0	Shale Gray
42.1	620.5	Sandstone
44.8	617.8	Shale Brown
45.1	617.5	Coal
49.4	613.2	Shale Gray
56.7	605.9	Sandstone
60.0	602.6	Shale Green
61.3	601.3	Sandstone
63.7	598.9	Shale Green
66.1	596.5	Sandstone
68.9	593.7	Shale Green
72.5	590.1	Sandstone
73.2	589.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 28-053-27 W4M**

Well Number **01721**

Well Owner: **Goertz, Arnold**

Elevation (AMSL) (m): **672**

AEP: **159126**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **71,646.17**

Date Started: **06 Sep 91**

Northing: **5,937,264.50**

Date Completed: **09 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **36.9** to **38.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **360.0**  
 Level End (m): **24.4** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.2	666.8	Clay Yellow
8.2	663.8	Clay Blue
9.8	662.3	Sand
22.6	649.5	Clay Blue
24.1	647.9	Sand
25.6	646.4	Clay Blue
31.1	640.9	Sand
34.8	637.3	Clay Blue
38.7	633.3	Sand
41.5	630.6	Clay Blue
44.8	627.2	Sand
50.3	621.7	Clay Blue
51.8	620.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 28-053-27 W4M**

Well Number **01722**

Well Owner: **Brown, Dave**

Elevation (AMSL) (m): **678**

AEP: **154847**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,620.05**

Date Started: **03 Aug 90**

Northing: **5,937,288.00**

Date Completed: **03 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **21.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.5** to **32.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **23.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	673.1	Clay Silty Brown
22.9	654.8	Clay Blue
27.4	650.2	Sand Silty
33.5	644.1	Gravel Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-27 W4M**

Well Number **01723**

Well Owner: **Albers, Bob**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **198299**  
 Easting: **70,050.96**  
 Northing: **5,938,333.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 29-053-27 W4M**

Well Number **01724**

Well Owner: **Baniak, Matthew**

Elevation (AMSL) (m): **714**

AEP: **156190**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,023.45**

Date Started: **21 Mar 91**

Northing: **5,938,119.50**

Date Completed: **25 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **51.5**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.6** Bottom (m): **95.1**  
 Perforated How: **Machine**  
 from (m): **43.6** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **64.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.1	708.3	Clay Yellow
8.5	705.9	Shale Green
12.2	702.2	Shale Sandy Gray
12.8	701.6	Shale Brown
25.3	689.1	Shale
27.4	687.0	Shale Sandy Gray
37.5	676.9	Shale Green
42.7	671.8	Shale Gray
48.2	666.3	Shale Gray
50.3	664.1	Shale Sandy Gray
57.3	657.1	Shale Green
61.0	653.5	Shale Sandy Gray
62.5	652.0	Shale Gray
67.1	647.4	Shale Sandy Gray
83.8	630.6	Shale Gray
86.3	628.2	Shale Sandy Gray
91.4	623.0	Shale Gray
93.3	621.2	Shale & Coal Soft Brown
96.0	618.4	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 29-053-27 W4M**

Well Number **01725**

Well Owner: **Collins, D.**

Elevation (AMSL) (m): **715**

AEP: **153065**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,241.18**

Date Started: **01 Jun 89**

Northing: **5,938,020.50**

Date Completed: **06 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **49.7**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **46.0** Bottom (m): **88.7**  
 Perforated How: **Other**  
 from (m): **46.3** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
4.6	710.2		Clay Sandy Brown
5.5	709.2		Coal
22.9	691.9		Clay Gray
25.0	689.7		Clay Green
26.2	688.5		Coal
27.4	687.3		Shale Gray
27.7	687.0		Coal
34.1	680.6		Shale Gray
34.8	680.0		Clay Brown
38.7	676.0		Clay Gray
44.8	669.9		Clay Brown
46.0	668.7		Siltstone
49.4	665.3		Clay Brown
49.7	665.0		Sandstone
52.1	662.6		Shale Gray
52.4	662.3		Sandstone
62.2	652.5		Shale Gray
63.1	651.6		Sandstone
73.5	641.3		Shale & Sandstone Ledges Gray
82.0	632.7		Sandstone
82.3	632.4		Shale Gray
82.9	631.8		Coal
88.7	626.0		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-27 W4M**

Well Number **01726**

Well Owner: **Collins, D.**

Elevation (AMSL) (m): **715**

AEP: **160025**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,232.80**

Date Started: **23 May 91**

Northing: **5,938,021.50**

Date Completed: **28 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **100.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **50.9**                      Bottom (m): **50.9**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **50.3**                      to **50.9**

**Liner:**  
 Type:  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Top (m): **45.7**                      Bottom (m): **100.6**  
 Perforated How: **Machine**  
 from (m): **76.2**                      to **94.5**                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **9.1**                      Time (minute): **120.0**  
 Level End (m): **100.6**                      Drawdown (m): **100.6**  
 Rec'd intake (m):                      Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	709.3	Clay Oxidized Brown
5.8	709.0	Coal
7.3	707.4	Shale Gray
8.8	705.9	Siltstone Gray
9.8	705.0	Clay Calcareous Gray
15.2	699.5	Sandstone Light Gray
49.4	665.4	Shale & Coal
50.3	664.5	Sandstone Gray
51.5	663.2	Shale Green
51.8	662.9	Sandstone Gray
57.0	657.8	Shale Gray
61.9	652.9	Shale Gray
62.2	652.6	Coal
78.3	636.4	Shale
80.2	634.6	Sandstone Gray
81.7	633.1	Shale
82.0	632.8	Sandstone Gray
84.4	630.3	Shale
84.7	630.0	Sandstone
90.2	624.5	Shale
94.2	620.6	Sandstone Gray
95.7	619.1	Shale
96.0	618.7	Sandstone Gray
100.6	614.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-27 W4M**

Well Number **01727**

Well Owner: **Filewich, Gerry**

Elevation (AMSL) (m): **713**

AEP: **164473**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,151.45**

Date Started: **10 Mar 92**

Northing: **5,938,119.50**

Date Completed: **13 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Cutting**  
 from (m): **51.8** to **53.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **115.8**  
 Perforated How: **Machine**  
 from (m): **79.2** to **115.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **79.2** Drawdown (m): **51.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	707.2	Clay Sandy Brown
18.6	694.1	Sand Cemented Brown
23.8	689.0	Till & Clay See Comments
43.9	668.8	Shale Dark Gray
45.7	667.0	Shale & Sandstone Brown
53.3	659.4	Shale Green
54.9	657.9	Sandstone Gray
58.5	654.2	Shale Green
66.1	646.6	Sandstone Gray
78.0	634.7	Shale Brown
84.7	628.0	Sandstone Gray
86.6	626.2	Shale Green
87.5	625.3	Siltstone Gray
90.2	622.5	Shale & Coal Brown
90.8	621.9	Siltstone Gray
94.2	618.5	Shale
95.1	617.6	Sandstone Gray
110.0	602.7	Shale Green
111.9	600.9	Siltstone Gray
115.8	596.9	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-27 W4M**

Well Number **01728**

Well Owner: **Grenier, E.**

Elevation (AMSL) (m): **714**

AEP: **169650**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **70,388.33**

Date Started: **06 Oct 92**

Northing: **5,937,998.50**

Date Completed: **09 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **39.6** to **41.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **115.2**  
 Perforated How: **Saw**  
 from (m): **84.7** to **115.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g05422** Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **480.0**  
 Level End (m): **82.3** Drawdown (m): **64.0**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	711.9	Topsoil Clayey Brown
9.8	703.9	Shale Yellow
20.7	693.0	Shale Gray
23.2	690.5	Shale Green
23.8	689.9	Sandstone Gray
24.7	689.0	Coal
36.9	676.8	Shale Green
39.6	674.1	Shale Gray
45.7	668.0	Shale Green
52.4	661.3	Shale & Sandstone Ledges Gray
60.0	653.6	Shale Gray
64.0	649.7	Shale & Coal Brown
70.1	643.6	Shale Gray
72.5	641.1	Sandstone Gray
79.6	634.1	Shale Gray
80.2	633.5	Sandstone Gray
87.5	626.2	Shale Green
88.4	625.3	Sandstone Gray
90.8	622.9	Shale Gray
92.4	621.3	Sandstone Gray
103.6	610.1	Shale Gray
108.2	605.5	Sandstone Gray
115.2	598.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-27 W4M**

Well Number **01729**

Well Owner: **Tobert, Gerry**

Elevation (AMSL) (m): **715**

AEP: **243928**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **70,050.96**

Date Started: **26 Jul 94**

Northing: **5,938,333.50**

Date Completed: **28 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **77.4** Bottom (m): **77.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **76.2** to **77.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **81.7** to **82.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **38.1**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	712.7	Topsoil
7.0	707.8	Clay Brownish Yellow
16.5	698.4	Sandstone Medium Grained
25.3	689.5	Shale Light Green
30.8	684.1	Clay Soft Blue
36.0	678.9	Sandstone Fine Grained
39.3	675.5	Shale Light Green
41.2	673.7	Coal
41.8	673.1	Shale Brown
44.5	670.3	Shale Light Green
48.5	666.4	Sandstone Fine Grained
55.8	659.1	Shale Light Gray
58.2	656.6	Sandstone Fine Grained
65.2	649.6	Clay Soft Blue
67.7	647.2	Sandstone Medium Grained
71.0	643.8	Shale Brownish Gray
71.9	642.9	Coal
72.2	642.6	Shale Brown
73.5	641.4	Clay Blue
75.6	639.3	Shale Light Gray
75.9	639.0	Shale Brown
76.8	638.0	Shale Green
82.9	631.9	Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-053-27 W4M**

Well Number **01730**

Well Owner: **Hilden, Perry**

Elevation (AMSL) (m): **726**

AEP: **172726**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,300.18**

Date Started: **25 Oct 93**

Northing: **5,938,293.00**

Date Completed: **27 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **28.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **50.6** to **52.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.0** Drawdown (m): **7.3**  
 Rec'd intake (m): **36.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	712.6	Clay Yellow
14.0	712.3	Shale Brown
17.7	708.6	Shale Brittle Gray
18.9	707.4	Coal
19.8	706.5	Shale Green
20.4	705.9	Shale & Coal Brown
21.3	704.9	Shale Greenish Gray
21.9	704.3	Shale Brown
25.9	700.4	Shale Gray
26.2	700.1	Coal
27.1	699.1	Shale Gray
29.0	697.3	Coal
30.5	695.8	Shale & Coal Brown
32.3	694.0	Shale Brown
35.4	690.9	Shale Gray
43.9	682.4	Shale Green
53.0	673.2	Sand
56.1	670.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 29-053-27 W4M**

Well Number **01731**

Well Owner: **Baniak, Matthew**

Elevation (AMSL) (m): **699**

AEP: **245051**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,320.37**

Date Started: **22 Sep 94**

Northing: **5,937,708.00**

Date Completed: **23 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **65.2** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **25.6** Bottom (m): **64.3**  
 Perforated How: **Saw**  
 from (m): **27.4** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **45.7**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	697.5	Clay Sandy Yellow
6.7	692.3	Clay Blue
8.5	690.5	Clay & Sand Blue
14.6	684.4	Sand & Coal
15.2	683.8	Clay Blue
17.4	681.7	Sand
18.6	680.4	Clay Blue
20.1	678.9	Sand
21.0	678.0	Shale & Coal Brown
27.4	671.6	Shale Brittle Gray
29.0	670.1	Shale Greenish Gray
35.0	664.0	Shale Sandy Gray
39.6	659.4	Shale Gray
45.4	653.6	Shale Sandy Gray
50.3	648.7	Shale Gray
51.5	647.5	Sandstone
54.6	644.5	Shale Brittle Gray
55.8	643.3	Coal
57.6	641.4	Shale Brittle
60.4	638.7	Shale Green
62.2	636.9	Shale Sandy Green
65.2	633.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 30-053-27 W4M**

Well Number **01732**

Well Owner: **Hartum, Bill**

Elevation (AMSL) (m): **715**

AEP: **150194**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,403.95**

Date Started: **28 Mar 90**

Northing: **5,937,319.00**

Date Completed: **29 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **81.4** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **60.4** to

**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.0**  
 Top (m): **60.4** Bottom (m): **80.5**  
 Perforated How: **Torch**  
 from (m): **60.4** to **80.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **46.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	708.7	Clay Yellow
19.5	695.9	Clay Blue
22.3	693.2	Sand
32.3	683.1	Clay Blue
36.9	678.6	Shale Gray
42.4	673.1	Shale Sandy Gray
44.8	670.6	Shale Brown
47.6	667.9	Shale Sandy Gray
52.4	663.0	Shale Green
59.1	656.3	Shale Sandy Gray
64.0	651.4	Shale & Coal Brown
66.8	648.7	Shale Sandy
72.2	643.2	Shale
78.3	637.1	Shale Sandy Gray
78.9	636.5	Coal
81.4	634.1	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 31-053-27 W4M**

Well Number **01733**

Well Owner: **Culham, Marcia**

Elevation (AMSL) (m): **737**

AEP: **150195**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **68,635.93**

Date Started: **29 Mar 90**

Northing: **5,939,639.00**

Date Completed: **30 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **36.6** to

**Liner:**

Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **65.5**  
 Perforated How: **Other**  
 from (m): **39.6** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	730.9			Clay Sandy Yellow
19.2	718.1			Sand & Gravel
29.6	707.7			Sand & Gravel
31.1	706.2			Clay Blue
42.1	695.2			Shale Green
43.9	693.4			Sandstone
55.2	682.1			Shale Gray
63.1	674.2			Sandstone
65.5	671.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 31-053-27 W4M**

Well Number **01734**

Well Owner: **Gaunt, Ian**

Elevation (AMSL) (m): **730**

AEP: **242928**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **68,480.44**

Date Started: **30 Aug 94**

Northing: **5,939,086.50**

Date Completed: **01 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **75.6** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **54.9** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **75.6**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **68.0** Drawdown (m): **49.4**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	721.7	Clay Sandy Yellow
13.1	716.8	Sand & Gravel
23.8	706.2	Clay Sandy Yellow
29.6	700.4	Clay Sandy Blue
34.4	695.5	Sand
39.3	690.6	Shale Brittle Gray
43.0	687.0	Shale Green
44.8	685.1	Sandstone
45.1	684.8	Shale & Coal Brown
49.7	680.3	Shale Green
54.0	676.0	Shale Gray
56.1	673.9	Sandstone
56.4	673.5	Shale & Coal Brown
60.0	669.9	Shale Gray
61.3	668.7	Sandstone
63.7	666.2	Shale Gray
66.4	663.5	Sandstone
68.9	661.1	Shale Gray
72.2	657.7	Sandstone
75.6	654.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-053-27 W4M**

Well Number **01735**

Well Owner: **Gaunt, P.A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **187066**  
 Easting: **68,483.35**  
 Northing: **5,938,868.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **56.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **Jet** Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-053-27 W4M**

Well Number **01736**

Well Owner: **Beerda, Gerry**

Elevation (AMSL) (m): **744**

AEP: **257986**

Drilling Contractor: *Lousana Water Wells Ltd.*

Licence No.:

Easting: **70,040.98**

Date Started: **13 Mar 95**

Northing: **5,939,239.50**

Date Completed: **16 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **47.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **51.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **121.9**  
 Perforated How: **Saw**  
 from (m): **54.9** to **121.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **83.8**

**Testing:**  
 Rate (lpm): **8.2** Time (minute): **120.0**  
 Level End (m): **83.8** Drawdown (m): **36.6**  
 Rec'd intake (m): **83.8** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	740.6	Clay & Rocks Sandy Brown
6.1	738.1	Sand Brown
12.5	731.7	Gravel Clayey Brown
19.8	724.4	Clay Sandy Brown
44.5	699.7	Shale & Coal Gray
45.4	698.8	Sandstone Clayey
46.9	697.3	Shale Soft Gray
48.8	695.4	Coal
61.0	683.3	Shale & Coal Gray
63.4	680.8	Shale & Sandstone Sandy Gray
82.6	661.6	Shale & Coal Gray
96.9	647.3	Sandstone Bentonitic Gray
110.9	633.3	Shale & Sandstone Gray
119.2	625.0	Shale & Sandstone Ledges Bento
121.9	622.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-053-27 W4M**

Well Number **01737**

Well Owner: **Greig, Barry**

Elevation (AMSL) (m): **747**

AEP: **152024**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,071.66**

Date Started: **02 Jan 90**

Northing: **5,939,176.50**

Date Completed: **09 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **53.3** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **53.3** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **64.0** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	746.3	Clay Yellow
12.2	734.8	Sand & Gravel
13.4	733.5	Clay Yellow
15.2	731.7	Gravel
22.6	724.4	Clay Soft Yellow
23.8	723.2	Shale & Coal Brown
25.6	721.3	Shale Gray
27.4	719.5	Shale Green
29.9	717.1	Shale & Coal Brown
33.5	713.4	Shale Sandy Gray
45.7	701.2	Shale Green
50.3	696.7	Shale Sandy Gray
62.2	684.8	Shale Green
63.1	683.9	Shale & Coal Brown
71.9	675.0	Shale Gray
74.4	672.6	Shale Sandy Gray
77.4	669.5	Shale Brown
81.7	665.3	Shale Sandy Gray
88.4	658.6	Shale Green
93.0	654.0	Shale Sandy Gray
97.2	649.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-053-27 W4M**

Well Number **01738**

Well Owner: **Hampton, Roger & Bonnie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **737**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156788**  
 Easting: **70,147.63**  
 Northing: **5,938,786.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 32-053-27 W4M**

Well Number **01739**

Well Owner: **Horvath, Julius**

Elevation (AMSL) (m): **728**

AEP: **153517**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **70,363.84**

Date Started: **11 Sep 90**

Northing: **5,938,792.50**

Date Completed: **22 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **74.1**  
 Perforated How: **Machine**  
 from (m): **49.7** to **74.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **51.8** Drawdown (m): **43.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.2	719.5	Clay
10.7	717.1	Sand Clayey
23.8	704.0	Shale
24.4	703.4	Coal
28.4	699.4	Shale
29.0	698.8	Sandstone
31.1	696.7	Shale Sandy
31.4	696.4	Coal
34.4	693.3	Shale Brown
40.8	686.9	Shale
51.2	676.6	Shale Gray
53.0	674.7	Shale Sandy
55.8	672.0	Shale
56.1	671.7	Sandstone
67.7	660.1	Shale
68.3	659.5	Coal
72.2	655.5	Shale
74.1	653.7	Sandstone
76.2	651.6	Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 32-053-27 W4M**

Well Number **01740**

Well Owner: **O'Driscoll, Bob**

Elevation (AMSL) (m): **748**

AEP: **154357**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **70,078.96**

Date Started: **12 Sep 89**

Northing: **5,939,133.00**

Date Completed: **19 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **41.2**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **38.7** Bottom (m): **56.4**  
 Perforated How: **Machine**  
 from (m): **38.7** to **56.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **22.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	746.0	Clay
9.8	738.7	Sand & Gravel
23.5	725.0	Shale
24.1	724.4	Coal
32.0	716.5	Shale
33.8	714.6	Sandstone & Coal
41.8	706.7	Shale
45.1	703.4	Sandstone
51.8	696.7	Shale
54.0	694.5	Sandstone
56.4	692.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 32-053-27 W4M**

Well Number **01741**

Well Owner: **Trommeshauser, Fred**

Elevation (AMSL) (m): **732**

AEP: **163234**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **69,702.05**

Date Started: **07 Sep 89**

Northing: **5,939,260.00**

Date Completed: **11 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **54.9** Bottom (m): **74.7**  
 Perforated How: **Other**  
 from (m): **54.9** to **74.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **51.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	726.1	Clay
15.2	716.4	Sand & Gravel
16.8	714.9	Clay
22.9	708.8	Shale
23.5	708.2	Coal
25.9	705.7	Shale
29.0	702.7	Sand & Gravel
35.0	696.6	Shale
36.9	694.7	Sandstone
44.5	687.1	Shale
46.6	685.0	Sandstone
58.8	672.8	Shale
61.9	669.8	Sandstone & Coal
69.2	662.4	Shale
71.3	660.3	Sandstone
74.7	657.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-053-27 W4M**

Well Number **01742**

Well Owner: **Ziehr, Darrel**

Elevation (AMSL) (m): **748**

AEP: **164461**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,095.03**

Date Started: **24 Mar 92**

Northing: **5,939,210.50**

Date Completed: **27 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **96.0** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **44.8** Bottom (m): **95.1**  
 Perforated How: **Machine**  
 from (m): **44.8** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.8	746.5	Clay & Rocks	Yellow
9.8	738.6	Sand & Gravel	Fine Grained
12.2	736.2	Clay & Rocks	Yellow
18.3	730.1	Gravel	
19.8	728.5	Clay	Yellow
21.3	727.0	Shale	Greenish Gray
27.4	720.9	Shale	Sandy Gray
38.1	710.3	Shale	Brittle Gray
42.7	705.7	Shale	Sandy Gray
51.8	696.5	Shale	Green
54.9	693.5	Shale	Gray
56.4	692.0	Shale	Sandy Gray
58.8	689.5	Shale	Gray
60.4	688.0	Shale	Sandy Gray
61.9	686.5	Shale & Coal	Brown
71.0	677.3	Shale	Gray
73.2	675.2	Shale	Sandy Gray
74.7	673.7	Shale & Coal	Brown
76.2	672.2	Shale	Gray
80.2	668.2	Shale	Sandy Gray
93.9	654.5	Shale	Green
96.0	652.3	Shale	Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 32-053-27 W4M**

Well Number **01743**

Well Owner: **Bridges, Brad**

Elevation (AMSL) (m): **738**

AEP: **159524**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **69,295.30**

Date Started: **15 Oct 91**

Northing: **5,939,074.00**

Date Completed: **18 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **620.0**  
 Level End (m): **73.2** Drawdown (m): **38.1**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	735.3	Clay Brown
11.9	726.5	Clay Oxidized Brown
14.6	723.8	Sandstone Light Gray
17.7	720.7	Shale Gray
18.9	719.5	Shale & Coal Brown
39.6	698.8	Shale Green
47.2	691.2	Shale Green
50.3	688.1	Shale Soft Gray
52.1	686.3	Sandstone Soft Gray
60.4	678.0	Shale Gray
61.0	677.4	Coal
62.8	675.6	Shale Brown
65.8	672.6	Shale Gray
69.5	668.9	Sandstone Gray
70.1	668.3	Coal
71.6	666.8	Shale Green
75.6	662.8	Sandstone Gray
81.7	656.7	Shale
83.2	655.2	Siltstone
83.8	654.6	Sandstone Gray
91.4	647.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-053-27 W4M**

Well Number **01744**

Well Owner: **Looker, C.E.(Ted)**

Elevation (AMSL) (m): **712**

AEP: **166529**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,985.62**

Date Started: **01 May 92**

Northing: **5,939,809.50**

Date Completed: **06 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **85.3** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **21.3**

**Liner:**  
 Type:  
 OD (mm): **113.0** Thickness (mm): **0.1**  
 Top (m): **18.6** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **18.6** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **56.4** Drawdown (m): **39.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	706.9	706.9	Clay Yellow
16.8	695.6	695.6	Clay Blue
20.7	691.7	691.7	Shale Brittle Gray
22.6	689.8	689.8	Shale Green
24.1	688.3	688.3	Shale Sandy Gray
24.7	687.7	687.7	Coal
32.9	679.5	679.5	Shale Greenish Gray
35.0	677.3	677.3	Shale Sandy Gray
37.2	675.2	675.2	Shale Green
39.0	673.4	673.4	Shale Sandy Gray
44.5	667.9	667.9	Shale Greenish Gray
49.7	662.7	662.7	Shale Sandy Gray
75.6	636.8	636.8	Shale Gray
82.3	630.1	630.1	Shale Sandy Gray
85.3	627.1	627.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-053-27 W4M**

Well Number **01745**

Well Owner: **Kowalczyk, Ben**

Elevation (AMSL) (m): **713**

AEP: **256740**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **71,677.79**

Date Started: **19 Sep 94**

Northing: **5,939,127.50**

Date Completed: **21 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **25.6**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.8**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	702.0			Clay Hard
13.7	698.9			Clay Silty
18.3	694.3			Sand & Coal
19.8	692.8			Till
21.9	690.7			Shale & Sandstone Gray
25.0	687.6			Shale Greenish Gray
26.2	686.4			Shale Green
27.4	685.2			Shale Gray
33.5	679.1			Sandstone Dry
35.0	677.6			Shale Gray
41.2	671.5			Sandstone
42.7	670.0			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 33-053-27 W4M**

Well Number **01746**

Well Owner: **Denotter, Gordon**

Elevation (AMSL) (m): **720**

AEP: **280689**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **70,718.40**

Date Started: **28 Sep 95**

Northing: **5,938,961.50**

Date Completed: **30 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **68.6**  
 Perforated How: **Saw**  
 from (m): **36.6** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **57.9**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **45.1**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	717.7	Topsoil
6.7	712.8	Clay & Silt
24.4	695.2	Clay & Rocks Blue
28.0	691.5	Sand
33.5	686.0	Clay
37.5	682.1	Shale Green
44.2	675.4	Shale Gray
44.5	675.1	Coal
45.4	674.1	Shale Gray
55.5	664.1	Shale Green
59.7	659.8	Sandstone
64.0	655.6	Shale Gray
68.6	651.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-053-27 W4M**

Well Number **01747**

Well Owner: **Ethier, Lucien**

Elevation (AMSL) (m): **713**

AEP: **160024**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **71,144.98**

Date Started: **24 Oct 91**

Northing: **5,938,827.50**

Date Completed: **25 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **41.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **97.5**  
 Perforated How: **Hand Drill**  
 from (m): **48.8** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **97.5**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **97.5** Drawdown (m): **75.3**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	703.4	Clay
12.5	700.1	Sandstone Soft
17.7	694.9	Bentonite
19.5	693.1	Shale
20.1	692.5	Coal
23.8	688.8	Sandstone Soft
25.3	687.3	Shale Brown
28.4	684.2	Sandstone
35.4	677.2	Shale Green
38.1	674.5	Sand & Coal
46.0	666.6	Shale Gray
47.6	665.0	Shale Green
49.4	663.2	Sandstone
57.0	655.6	Shale Gray
57.9	654.7	Sandstone
60.4	652.2	Shale Gray
61.3	651.3	Bentonite
65.5	647.1	Shale Brown
65.8	646.8	Coal
78.9	633.6	Sandstone
89.6	623.0	Shale Gray
92.1	620.5	Sandstone
97.5	615.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 33-053-27 W4M**

Well Number **01748**

Well Owner: **Gourd, Roger**

Elevation (AMSL) (m): **722**

AEP: **158506**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **71,016.42**

Date Started: **11 Aug 78**

Northing: **5,939,404.50**

Date Completed: **11 Aug 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **31.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **50.6**  
 Perforated How: **Torch**  
 from (m): **31.4** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **10.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	715.5	Clay Yellow
10.7	710.9	Clay Blue
11.9	709.7	Shale Gray
15.5	706.0	Shale Sandy Gray
18.3	703.3	Shale Brown
21.9	699.6	Shale Gray
24.7	696.9	Shale Green
27.4	694.1	Shale Sandy Gray
28.4	693.2	Coal
29.3	692.3	Shale Gray
30.8	690.8	Shale Green
32.9	688.6	Shale Sandy Gray
33.5	688.0	Shale Green
39.6	681.9	Shale Sandy Gray
40.2	681.3	Shale Gray
44.2	677.4	Shale Sandy Gray
45.7	675.8	Shale Green
51.5	670.1	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-053-27 W4M**

Well Number **01749**

Well Owner: **Lasner, Ed**

Elevation (AMSL) (m): **721**

AEP: **242431**

Drilling Contractor: **Macauley**

Licence No.:

Easting: **70,854.27**

Date Started: **23 Jan 76**

Northing: **5,939,140.00**

Date Completed: **27 Jan 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **19.8**                      Bottom (m): **19.8**  
 OD (mm): **139.7**                      Thickness (mm): **0.1**  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **25.1**                      Time (minute): **360.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	714.5	Till Brown
9.8	711.2	Sand
12.8	708.1	Till Gray
20.7	700.2	Shale
21.3	699.6	Sandstone Soft
21.9	699.0	Sandstone Hard
25.6	695.3	Sandstone Blue Gray
26.2	694.7	Coal Fractured
31.7	689.2	Sandstone
38.1	682.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-053-27 W4M**

Well Number **01750**

Well Owner: **Possberg, Fred**

Elevation (AMSL) (m): **713**

AEP: **238851**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **70,842.58**

Date Started: **16 Aug 93**

Northing: **5,938,862.50**

Date Completed: **17 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.5** to **32.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **10 St** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **29.9** Drawdown (m): **14.6**  
 Rec'd intake (m): **30.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	703.9	Clay Brown
11.9	701.2	Clay Blue
15.9	697.2	Shale
16.8	696.3	Coal
18.9	694.2	Shale
22.6	690.5	Sandstone
23.2	689.9	Shale
25.0	688.1	Sandstone
33.8	679.2	Shale
35.0	678.0	Coal
36.6	676.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-053-27 W4M**

Well Number **01751**

Well Owner: **Winterholt, Tony**

Elevation (AMSL) (m): **715**

AEP: **257990**

Drilling Contractor: *Lousana Water Wells Ltd.*

Licence No.:

Easting: **71,000.35**

Date Started: **16 Mar 95**

Northing: **5,939,178.00**

Date Completed: **17 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **24.4** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **50.0**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **9.1**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	714.8	Topsoil
5.8	709.3	Clay Sandy Brown
20.7	694.3	Clay Sandy Gray
27.7	687.3	Shale & Coal Gray
28.7	686.4	Shale & Sandstone Sandy Gray
33.5	681.5	Shale Gray
34.8	680.3	Sandstone Gray
36.3	678.8	Shale Gray
36.6	678.5	Shale Sandy Brown
38.1	677.0	Sandstone Gray
41.2	673.9	Shale Gray
42.4	672.7	Sandstone Gray
43.3	671.8	Shale Sandy Brown
45.1	669.9	Shale Gray
51.2	663.9	Sandstone Gray
53.6	661.4	Shale Gray
55.8	659.3	Bentonite Sandy Gray
61.0	654.1	Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-27 W4M**

Well Number **01752**

Well Owner: **Carnegie, Arnold**

Elevation (AMSL) (m): **690**

AEP: **168378**

Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Licence No.:

Easting: **75,270.28**

Date Started: **15 Sep 92**

Northing: **5,939,727.50**

Date Completed: **15 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **23.5** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Benseal**  
 from (m): to **3.7**

**Liner:**  
 Type:  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **23.5**  
 Perforated How: **Axe/Chisel**  
 from (m): **11.9** to **22.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **23.5**

**Testing:**  
 Rate (lpm): **10.0** Time (minute): **120.0**  
 Level End (m): **21.9** Drawdown (m): **10.4**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
12.8	677.4	Clay
14.0	676.2	Sand
14.9	675.3	Sandstone
20.1	670.1	Shale
21.6	668.6	Sandstone
23.5	666.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-053-27 W4M**

Well Number **01753**

Well Owner: **Simie, Daniel**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **687**  
 Licence No.:  
 Date Started: **25 Sep 91**  
 Date Completed: **26 Sep 91**  
 AEP: **163052**  
 Easting: **76,592.33**  
 Northing: **5,939,820.84**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **76.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cuttings** **26 Sep 91**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.7	676.7	Clay
14.6	672.8	Shale
15.5	671.9	Shale Sandy
17.1	670.3	Shale Brown
17.7	669.7	Coal
19.2	668.2	Shale Brown
21.9	665.5	Shale Sandy
23.8	663.6	Shale Brown
24.1	663.3	Coal
32.0	655.4	Shale Brown
32.6	654.8	Shale Sandy
35.7	651.7	Shale
36.9	650.5	Sandstone Hard
37.2	650.2	Shale Bentonitic
37.5	649.9	Coal
43.0	644.4	Shale Brown
60.4	627.0	Shale
61.0	626.4	Sandstone Hard
71.6	615.8	Shale
71.9	615.5	Sandstone Hard
76.2	611.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 36-053-27 W4M**

Well Number **01755**

Well Owner: **Dollman, Richard**

Elevation (AMSL) (m): **692**

AEP: **150196**

Drilling Contractor: *Dollman'S Water Well Drilling*

Licence No.:

Easting: **75,401.34**

Date Started: **18 Mar 90**

Northing: **5,939,747.00**

Date Completed: **29 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **105.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **2.4** to  
**Liner:**  
 Type:  
 OD (mm): **125.5** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **105.2**  
 Perforated How: **Machine**  
 from (m): **44.2** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **105.2** Drawdown (m): **89.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	691.1	Topsoil
4.6	687.4	Clay Brown
11.0	681.0	Clay Brown
11.3	680.7	Sand
12.2	679.8	Clay Gray
12.8	679.2	Sand
16.5	675.5	Clay Gray
25.9	666.1	Clay Brown
27.4	664.6	Coal Clayey
41.2	650.9	Shale & Coal Gray
48.8	643.2	Shale Gray
51.8	640.2	Shale Gray
53.3	638.7	Unknown Brown
55.5	636.5	Shale Blue
64.0	628.0	Shale Gray
70.1	621.9	Shale Brown
73.5	618.6	Shale Gray
76.2	615.8	Shale Brown
80.5	611.5	Shale Gray
85.3	606.7	Shale Brown
94.5	597.5	Shale Gray
95.4	596.6	Shale Brown
105.2	586.9	Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

03-12-053-28 W4M

Well Number 01756

Well Owner: **Meridian Sport Park**

Elevation (AMSL) (m): **696**

AEP: **167894**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,586.63**

Date Started: **14 Jul 92**

Northing: **5,932,241.50**

Date Completed: **24 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.1** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **42.7** to **45.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **109.1**  
 Perforated How: **Saw**  
 from (m): **90.8** to **109.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **90.8**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **180.0**  
 Level End (m): **90.8** Drawdown (m): **84.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	693.6	Clay Brown
9.4	686.9	Clay Gray
12.5	683.9	Silt Gray
15.5	680.8	Sand & Coal Fine Grained Gray
27.1	669.2	Clay Silty Gray
29.3	667.1	Shale Gray
30.5	665.9	Shale & Coal Brown
33.5	662.8	Shale Gray
39.0	657.3	Sandstone Greenish Gray
41.2	655.2	Shale Gray
42.1	654.3	Shale & Coal Brown
45.1	651.2	Shale Green
50.0	646.4	Sandstone Gray
50.9	645.5	Coal
53.0	643.3	Shale Gray
55.2	641.2	Sandstone Gray
61.9	634.5	Shale Gray
64.0	632.4	Sandstone Gray
68.0	628.4	Shale & Sandstone Gray
70.7	625.6	Shale & Sandstone Gray
74.4	622.0	Sandstone & Coal Gray
82.3	614.1	Shale Gray
86.0	610.4	Shale & Coal Brown
89.3	607.1	Sandstone Gray
100.9	595.5	Shale Gray
102.1	594.3	Sandstone Gray
106.1	590.3	Shale Green
107.0	589.4	Sandstone
109.1	587.2	Shale Dark Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**SW 12-053-28 W4M**

Well Number **01757**

Well Owner: **Alberta Wheat Pool**

Elevation (AMSL) (m): **694**

AEP: **249914**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,308.79**

Date Started: **17 Nov 95**

Northing: **5,932,789.50**

Date Completed: **17 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **37.8** to **39.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **35.0** Drawdown (m): **32.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	690.5			Clay Yellow
9.1	684.7			Clay Blue
25.0	668.8			Clay Silty
39.6	654.2			Sand & Gravel Coarse Grained
41.2	652.7			Clay & Rocks Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

06-13-053-28 W4M

Well Number 01758

Well Owner: **Alta Env #1299e**

Elevation (AMSL) (m): **698**

AEP: **240773**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **66,483.59**

Date Started:

Northing: **5,934,578.50**

Date Completed: **26 Apr 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.2	693.3	Silt Lacustrine Green
13.7	684.7	Silt Lacustrine Dark Gray
26.5	671.9	Sand Lacustrine Light Gray
29.3	669.2	Silt Lacustrine Dark Gray
30.5	668.0	Sand Lacustrine Light Gray
34.1	664.3	Silt Lacustrine Gray
42.1	656.4	Sand Lacustrine Light Gray
47.9	650.6	Silt Lacustrine Dark Gray
50.3	648.2	Sand Very Fine Grained Light G
54.0	644.5	Silt Lacustrine Dark Gray
55.5	643.0	Sand Very Fine Grained Light G
60.4	638.1	Silt Lacustrine Dark Gray
64.0	634.4	Sand Fine Grained Light Gray
66.8	631.7	Gravel Fine Grained
78.6	619.8	Siltstone Dark Gray
80.2	618.3	Shale Dark Brown
82.3	616.2	Siltstone Black
83.5	614.9	Sandstone Light Gray
84.7	613.7	Siltstone Dark Gray
90.8	607.6	Sandstone Light Gray
93.0	605.5	Siltstone Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 13-053-28 W4M**

Well Number **01759**

Well Owner: **Goerz, Glenn**

Elevation (AMSL) (m): **699**

AEP: **154846**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **67,172.09**

Date Started: **05 Dec 90**

Northing: **5,934,717.50**

Date Completed: **07 Dec 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **61.0** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **66.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	694.7	Clay Yellow
23.2	675.8	Clay Blue
29.6	669.4	Sand
32.3	666.7	Sandstone
41.8	657.2	Shale Green
43.3	655.7	Sandstone
48.2	650.8	Shale Gray
49.4	649.6	Sandstone
57.6	641.4	Shale Gray
64.3	634.7	Shale Green
75.0	624.0	Sandstone
75.6	623.4	Shale & Coal Brown
83.2	615.8	Shale Green
88.7	610.3	Sandstone
93.9	605.1	Shale Gray
99.4	599.6	Sandstone
103.6	595.4	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

14-24-053-28 W4M

Well Number 01760

Well Owner: **Alta Env #1295e**

Elevation (AMSL) (m): **717**

AEP: **240772**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **66,705.16**

Date Started:

Northing: **5,937,023.50**

Date Completed: **24 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	711.0	Sand Light Brown
15.2	701.9	Clay Lacustrine Dark Gray
19.8	697.3	Sand Lacustrine Light Brown
24.4	692.7	Silt Lacustrine Dark Brown
32.0	685.1	Sand Lacustrine Light Brown
35.0	682.1	Silt Lacustrine Dark Brown
39.6	677.5	Sand Lacustrine Light Brown
49.4	667.7	Silt Lacustrine Dark Brown
58.5	658.6	Siltstone Gray
61.0	656.2	Sandstone Bentonitic Light Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 24-053-28 W4M**

Well Number **01761**

Well Owner: **Webber, Murray**

Elevation (AMSL) (m): **699**

AEP: **166366**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **67,221.04**

Date Started: **04 May 92**

Northing: **5,935,853.00**

Date Completed: **05 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **57.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.6** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.0**

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **46.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	694.4	Clay Brown
14.0	684.7	Clay Silty Gray
29.9	668.8	Sand
32.6	666.1	Clay Silty
38.7	660.0	Sand
52.1	646.6	Clay Silty Gray
56.1	642.6	Sand
56.7	642.0	Shale Gray
57.9	640.8	Shale Green
59.1	639.6	Shale Gray
62.2	636.5	Sandstone Gray
63.7	635.0	Shale Green
64.6	634.1	Shale Brown
64.9	633.8	Coal
65.8	632.9	Shale Brown
66.8	631.9	Coal
68.9	629.8	Shale Green
70.4	628.3	Sandstone Gray
71.3	627.4	Shale Brown
75.0	623.7	Sandstone Gray
76.2	622.5	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 25-053-28 W4M**

Well Number **01762**

Well Owner: **Becker, D.**

Elevation (AMSL) (m): **737**

AEP: **152431**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,511.44**

Date Started: **15 Jun 90**

Northing: **5,938,244.00**

Date Completed: **19 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **64.0**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **64.0** Drawdown (m): **42.7**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
27.4	709.6	Clay	
33.5	703.5	Coal Sandy	
42.7	694.4	Clay	
43.9	693.1	Coal	
48.8	688.3	Shale	
49.7	687.3	Sandstone	
52.4	684.6	Shale	
53.3	683.7	Coal	
53.6	683.4	Shale Brown	
54.3	682.8	Shale Green	
58.5	678.5	Shale Brown	
58.8	678.2	Coal	
62.5	674.5	Shale Gray	
63.1	673.9	Coal	
76.2	660.8	Shale Green	
78.3	658.7	Sandstone	
79.2	657.8	Shale	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01763**

Well Owner: **Bird, Glen**

Elevation (AMSL) (m): **736**

AEP: **150197**

Drilling Contractor: *Iws Drilling Alberta Ltd.*

Licence No.:

Easting: **66,787.35**

Date Started: **03 Mar 90**

Northing: **5,938,194.00**

Date Completed: **07 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Combination**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **142.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **38.4** to  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **48.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **320.0**  
 Level End (m): **30.5** Drawdown (m): **16.8**  
 Rec'd intake (m): **49.1** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	728.5	Clay Brown
7.3	728.2	Coal
11.9	723.6	Clay Brown
15.5	720.0	Clay Sandy Brown
19.2	716.3	Clay Brown
26.5	709.0	Clay Blue
30.5	705.1	Clay Sandy Blue
34.1	701.4	Clay Brown
38.7	696.8	Shale Gray
42.7	692.9	Shale Brown
48.8	686.8	Shale Brown
51.8	683.7	Shale & Coal Brown
54.9	680.7	Shale Brown
57.9	677.6	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01764**

Well Owner: **Brook West Const**

Elevation (AMSL) (m): **735**

AEP: **242336**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **66,976.75**

Date Started: **27 Sep 94**

Northing: **5,938,036.00**

Date Completed: **03 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **19.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **36.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.3** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **45.7** to **48.8** Size:  
 from (m): **54.9** to **61.0** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **3.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	727.2	Clay & Rocks
23.2	712.0	Clay & Rocks Silty
24.1	711.1	Clay & Rocks
28.0	707.1	Siltstone Soft
28.4	706.8	Coal
33.2	701.9	Shale Soft
40.2	694.9	Shale Sandy
40.8	694.3	Coal
44.8	690.4	Shale
45.7	689.4	Siltstone
48.5	686.7	Shale
51.8	683.3	Siltstone & Sandstone
56.1	679.1	Shale
57.9	677.2	Sandstone
59.7	675.4	Shale
60.4	674.8	Sandstone
61.0	674.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 25-053-28 W4M**

Well Number **01765**

Well Owner: **Brook West Contracting**

Elevation (AMSL) (m): **733**

AEP: **238934**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **66,872.70**

Date Started: **17 May 94**

Northing: **5,938,025.50**

Date Completed: **19 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **75.9** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **41.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **75.9**  
 Perforated How: **Machine**  
 from (m): **59.4** to **62.5** Size:  
 from (m): **68.6** to **74.7** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **15.1** Time (minute): **120.0**  
 Level End (m): **46.3** Drawdown (m): **27.7**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.8	716.2			Clay & Rocks
27.7	705.2			Clay Silty
29.0	704.0			Clay & Sand
35.4	697.6			Clay Silty
39.0	693.9			Siltstone Soft
44.2	688.7			Shale Sandy
45.4	687.5			Sandstone
52.1	680.8			Shale
53.0	679.9			Siltstone & Sandstone
56.7	676.2			Shale
59.4	673.5			Sandstone
61.6	671.4			Shale
63.1	669.8			Sandstone
65.2	667.7			Shale & Siltstone
65.8	667.1			Sandstone
66.8	666.2			Shale
71.9	661.0			Sandstone
72.8	660.1			Shale
74.4	658.6			Sandstone
75.9	657.0			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01766**

Well Owner: **Parent, Walter**

Elevation (AMSL) (m): **734**

AEP: **158507**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **67,072.62**

Date Started: **18 Oct 89**

Northing: **5,937,952.00**

Date Completed: **19 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **43.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **45.7** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	728.3	Clay Yellow
15.2	718.3	Clay Sandy Blue
28.4	705.2	Sand
32.9	700.6	Clay Blue
37.8	695.7	Shale Gray
46.0	687.5	Shale Green
49.7	683.8	Sandstone
51.8	681.7	Shale Gray
55.2	678.3	Sandstone
60.4	673.2	Shale Gray
61.0	672.6	Shale & Coal Brown
63.1	670.4	Sandstone
67.1	666.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01767**

Well Owner: **Poole, Mel**

Elevation (AMSL) (m): **739**

AEP: **241866**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,620.16**

Date Started: **07 Sep 94**

Northing: **5,938,520.00**

Date Completed: **12 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **57.9** to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **97.5**  
 Perforated How: **Saw**  
 from (m): **70.1** to **82.3** Size:  
 from (m): **88.4** to **94.5** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **27.7**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **209.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	727.9	Clay Sandy Brown
50.0	689.2	Sand
57.0	682.2	Clay Gray
58.5	680.6	Shale & Coal Brown
59.7	679.4	Sandstone
61.3	677.9	Shale Green
62.5	676.7	Sandstone
63.7	675.5	Shale & Coal Brown
65.5	673.6	Shale Gray
66.4	672.7	Sandstone
67.4	671.8	Shale Gray
70.7	668.4	Shale Brown
80.8	658.4	Sandstone
84.4	654.7	Shale Gray
86.3	652.9	Sandstone
91.1	648.0	Shale Gray
93.3	645.9	Sandstone
97.5	641.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01768**

Well Owner: **Runtas, Vid/Gordina**

Elevation (AMSL) (m): **742**

AEP: **242334**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **67,111.20**

Date Started: **19 Sep 94**

Northing: **5,938,520.00**

Date Completed: **20 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **30.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **58.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **64.0** Size:  
 from (m): **70.1** to **73.2** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **35.7** Drawdown (m): **5.5**  
 Rec'd intake (m): **39.9** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
41.2	700.9	Till
43.3	698.7	Sandstone Gray
55.2	686.9	Shale Brownish Gray
58.2	683.8	Shale Fractured
59.4	682.6	Shale Green
60.0	682.0	Shale Brown
60.4	681.7	Coal
62.2	679.8	Shale
62.5	679.5	Coal
71.9	670.1	Shale
72.5	669.5	Coal
73.2	668.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01769**

Well Owner: **Schenard, Andy**

Elevation (AMSL) (m): **738**

AEP: **153285**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **66,970.91**

Date Started: **11 Oct 90**

Northing: **5,938,188.00**

Date Completed: **11 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **19.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **19.8** Drawdown (m): **6.1**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	730.1			Sand Silty Brown
12.2	725.6			Clay Blue
18.3	719.5			Clay Brown
25.9	711.8			Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01770**

Well Owner: **Stobbe, Paul**

Elevation (AMSL) (m): **733**

AEP: **221200**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **66,873.87**

Date Started: **25 Jun 93**

Northing: **5,938,012.50**

Date Completed: **26 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **118.9** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **48.8** to **50.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.5** Bottom (m): **118.9**  
 Perforated How: **Hand Drill**  
 from (m): **64.0** to **117.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **118.9**

**Testing:**

Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **91.4** Drawdown (m): **71.3**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	731.9			Topsoil
19.8	712.7			Clay Blue
25.3	707.2			Sand & Coal Gray
31.7	700.8			Clay Blue
52.7	679.8			Shale Greenish Gray
53.3	679.2			Coal
58.8	673.7			Sandstone Medium Grained
64.6	667.9			Shale Gray
69.2	663.4			Sandstone Medium Grained
86.9	645.7			Coal
89.6	642.9			Shale Gray
94.2	638.4			Sandstone Fine Grained
94.5	638.1			Shale Light Brown
96.9	635.6			Sandstone Medium Grained
98.1	634.4			Shale Green
99.1	633.5			Coal
109.1	623.4			Sandstone Medium Grained
110.9	621.6			Shale & Coal Brown
114.9	617.6			Shale Greenish Gray
117.0	615.5			Sandstone Medium Grained
118.9	613.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 25-053-28 W4M**

Well Number **01771**

Well Owner: **Stobbe, Paul**

Elevation (AMSL) (m): **735**

AEP: **221199**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **66,976.75**

Date Started: **08 Jun 93**

Northing: **5,938,036.10**

Date Completed: **09 Jun 93**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **140.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bentonite Product 09 Jun 93**

**Casing:**

Type: **Steel**  
 Depth (m): **64.0**                      Bottom (m): **64.0**  
 OD (mm): **139.7**                      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **63.7**                      to **64.0**

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm): **4.6**                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.8	725.4			Till Brown
14.0	721.1			Till Blue
54.0	681.2			Sand & Coal Gray
59.7	675.4			Clay Blue
73.8	661.4			Shale Gray
75.3	659.9			Sandstone Medium Grained
78.3	656.8			Shale Brownish Gray
78.6	656.5			Coal
80.8	654.4			Shale Brownish Gray
82.3	652.9			Sandstone Medium Grained
89.9	645.3			Shale Gray
90.8	644.3			Coal
91.4	643.7			Shale Gray
99.1	636.1			Sandstone Medium Grained
105.5	629.7			Shale Gray
107.0	628.2			Sandstone Medium Grained
109.1	626.1			Shale Fractured Green
113.1	622.1			Sandstone Medium Grained
114.0	621.2			Coal
114.6	620.6			Shale Brown
116.1	619.0			Sandstone Medium Grained
117.3	617.8			Shale Gray
124.7	610.5			Sandstone Medium Grained
140.2	595.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 25-053-28 W4M**

Well Number **01772**

Well Owner: **Sullivan, Trent**

Elevation (AMSL) (m): **726**

AEP: **186522**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **66,634.20**

Date Started: **17 Feb 93**

Northing: **5,937,987.00**

Date Completed: **17 Feb 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **59.7** to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **97.5**  
 Perforated How: **Hand Drill**  
 from (m): **74.7** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **97.5**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **18.3**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	720.5	Till Brownish Yellow
8.8	716.8	Sand Fine Grained Brown
13.1	712.6	Till Blue
35.7	690.0	Sand Fine Grained Brown
38.4	687.3	Clay Blue
56.4	669.3	Sand Gray
57.6	668.1	Clay Blue
60.4	665.3	Sand Gray
71.0	654.7	Sandstone Fine Grained
81.1	644.6	Shale Bentonitic
84.1	641.5	Shale Green
85.6	640.0	Coal
86.6	639.1	Shale Brown
87.8	637.9	Sandstone Medium Grained
96.6	629.0	Shale Gray
97.5	628.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 25-053-28 W4M**

Well Number **01773**

Well Owner: **Utri, Marvin/Debbie**

Elevation (AMSL) (m): **727**

AEP: **260134**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **66,554.54**

Date Started: **25 Jul 95**

Northing: **5,938,035.00**

Date Completed: **05 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **25.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **88.4**  
 Perforated How: **Saw**  
 from (m): **76.2** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **5g07** Intake (m): **88.4**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **88.4** Drawdown (m): **63.1**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	725.9	Till
7.6	719.5	Clay Brown
19.8	707.4	Sand Fine Grained
21.3	705.8	Sand Coarse Grained
25.9	701.3	Clay Blue
39.6	687.5	Sand Fine Grained
48.8	678.4	Sand Fine Grained
51.8	675.4	Clay Brown
53.6	673.5	Shale Brown
62.5	664.7	Shale Gray
62.8	664.4	Sandstone
64.0	663.2	Shale Green
67.1	660.1	Shale Brown
69.5	657.7	Shale Gray
73.2	654.0	Shale Brown
77.7	649.4	Shale Gray
78.3	648.8	Coal
81.1	646.1	Shale Brown
82.3	644.9	Shale Gray
82.9	644.3	Sandstone
88.4	638.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-28 W4M**

Well Number **01774**

Well Owner: **Williams, Bruce**

Elevation (AMSL) (m): **738**

AEP: **229720**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,671.61**

Date Started: **08 Oct 93**

Northing: **5,938,515.50**

Date Completed: **13 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **29.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **53.0** to **54.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g05422** Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **19.5**  
 Rec'd intake (m): **60.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	733.3	Clay Sandy Brown
13.1	725.4	Clay & Coal Brown
15.5	722.9	Clay Gray
34.4	704.0	Sand Fine Grained Gray
37.8	700.7	Clay Gray
39.9	698.5	Sandstone
41.5	697.0	Shale Gray
43.0	695.5	Shale Brown
49.4	689.1	Clay Gray
51.5	687.0	Sandstone
52.7	685.7	Shale Gray
53.3	685.1	Shale Brown
54.3	684.2	Sandstone
55.8	682.7	Shale Green
59.1	679.3	Sandstone
60.7	677.8	Shale & Coal Brown
68.3	670.2	Sandstone
69.8	668.7	Shale Green
73.2	665.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-053-28 W4M**

Well Number **01775**

Well Owner: **Blue J Farms/Merrill Jespersen**

Elevation (AMSL) (m): **720**

AEP: **150967**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,887.95**

Date Started: **21 Mar 90**

Northing: **5,937,157.50**

Date Completed: **21 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **41.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
7.6	712.6	Clay	Yellow
9.1	711.1	Clay	Blue
11.6	708.7	Clay	Yellow
27.1	693.1	Clay	Blue
39.6	680.6	Sand	
41.5	678.8	Clay	Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-053-28 W4M**

Well Number **01776**

Well Owner: **Cranna, Ken**

Elevation (AMSL) (m): **750**

AEP: **152371**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **66,907.63**

Date Started: **06 Jun 90**

Northing: **5,939,816.50**

Date Completed: **08 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.4** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **39.6** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.1** Bottom (m): **60.4**  
 Perforated How: **Machine**  
 from (m): **54.3** to **60.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **23.2** Drawdown (m): **5.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	743.6			Clay Stoney
10.7	739.6			Sand & Gravel
15.9	734.4			Sand & Gravel
37.8	712.5			Siltstone Soft
41.8	708.5			Shale
43.0	707.3			Sandstone
47.2	703.0			Shale
47.9	702.4			Sandstone
51.8	698.5			Shale
59.4	690.9			Sandstone
60.0	690.2			Shale & Coal
60.4	689.9			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 36-053-28 W4M**

Well Number **01777**

Well Owner: **Cranna, Ken**

Elevation (AMSL) (m): **750**

AEP: **254330**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,907.63**

Date Started: **07 Nov 95**

Northing: **5,939,816.50**

Date Completed: **09 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **72.2**  
 Perforated How: **Saw**  
 from (m): **36.6** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **63.4**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **36.0**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.3	743.0	Clay & Rocks Sandy Yellow
27.4	722.9	Clay Hard Blue
30.8	719.5	Sand Fine Grained
32.0	718.3	Clay & Sand Blue
36.3	714.0	Shale Gray
36.6	713.7	Shale & Coal Brown
43.9	706.4	Shale Gray
44.8	705.5	Shale Green
45.7	704.6	Shale & Coal Brown
47.2	703.0	Shale Gray
52.7	697.6	Shale Sandy Gray
54.0	696.3	Shale Light Brown
56.4	693.9	Shale Gray
58.8	691.5	Sand Gray
59.4	690.9	Shale & Coal Brown
60.4	689.9	Shale Gray
69.5	680.8	Shale Sandy Gray
70.1	680.2	Shale Gray
73.2	677.1	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-053-28 W4M**

Well Number **01778**

Well Owner: **Imeson, Dean T.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156789**  
 Easting: **66,907.63**  
 Northing: **5,939,816.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-053-28 W4M**

Well Number **01779**

Well Owner: **Powley, Marvin**

Elevation (AMSL) (m): **750**

AEP: **163331**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **66,907.63**

Date Started: **26 Nov 91**

Northing: **5,939,816.50**

Date Completed: **30 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **68.6** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **68.6**  
 Perforated How: **Machine**  
 from (m): **62.5** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **42.1**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
10.7	739.6		Clay
27.4	722.9		Clay Blue
43.3	707.0		Shale
44.5	705.8		Sandstone
52.4	697.9		Shale
52.7	697.6		Coal
54.3	696.0		Shale
54.6	695.7		Sandstone
58.8	691.5		Shale
60.0	690.2		Sandstone
66.4	683.8		Shale
67.1	683.2		Coal
67.7	682.6		Shale
68.6	681.7		Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-053-28 W4M**

Well Number **01780**

Well Owner: **Thompson, Wayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156791**  
 Easting: **66,907.63**  
 Northing: **5,939,816.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 36-053-28 W4M**

Well Number **01781**

Well Owner: **Wittmeier, Terry**

Elevation (AMSL) (m): **747**

AEP: **167417**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,067.88**

Date Started: **04 Aug 92**

Northing: **5,939,569.00**

Date Completed: **06 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **50.3**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **46.3** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **32.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	740.5	Clay Yellow
16.1	730.4	Gravel
23.2	723.4	Clay Blue
24.4	722.2	Shale Green
25.9	720.7	Shale & Coal Brown
37.2	709.4	Shale Greenish Gray
37.8	708.8	Shale Soft Brown
50.6	696.0	Shale Greenish Gray
54.3	692.3	Shale Sandy Gray
55.5	691.1	Shale & Coal Brown
57.0	689.6	Shale Sandy Gray
59.4	687.2	Shale Green
62.5	684.1	Shale Sandy Gray
64.0	682.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01782**

Well Owner: **Franck, David**

Elevation (AMSL) (m): **744**

AEP: **198247**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,904.82**

Date Started: **28 Jan 93**

Northing: **5,939,321.50**

Date Completed: **03 Feb 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **60.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **57.0** Bottom (m): **96.6**  
 Perforated How: **Saw**  
 from (m): **57.0** to **96.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **57.9**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

10.7	732.9	Clay & Sand	Yellow
15.2	728.3	Clay	Blue
17.4	726.2	Shale & Coal	Brown
24.4	719.2	Shale	Gray
27.1	716.4	Shale	Green
51.8	691.7	Shale	Brittle
54.3	689.3	Shale	Greenish Gray
56.1	687.5	Shale	Sandy Gray
59.4	684.1	Shale	Brittle
62.5	681.1	Shale	Green
64.0	679.5	Shale	Brittle
71.3	672.2	Shale	Brown
76.2	667.3	Shale	Sandy Gray
78.6	664.9	Shale	Brown
82.3	661.3	Shale	Sandy Gray
87.8	655.8	Shale	Gray
93.0	650.6	Sandstone	
97.5	646.0	Shale	Brittle Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 36-053-28 W4M**

Well Number **01783**

Well Owner: **Grant, Ken**

Elevation (AMSL) (m): **735**

AEP: **153958**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **66,632.41**

Date Started: **09 Nov 90**

Northing: **5,939,081.00**

Date Completed: **10 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **52.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **73.2**  
 Perforated How: **Other**  
 from (m): **57.9** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **41.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.6	723.2			Clay Yellow
24.7	710.1			Shale Gray
28.4	706.5			Clay Blue
40.8	694.0			Sand
42.7	692.1			Clay Blue
57.6	677.2			Shale Greenish Gray
58.8	676.0			Sandstone
65.5	669.3			Shale Gray
66.4	668.4			Shale & Coal Brown
70.7	664.1			Sandstone
73.2	661.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-053-28 W4M**

Well Number **01784**

Well Owner: **Horrigan, Jim**

Elevation (AMSL) (m): **738**

AEP: **238072**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,627.84**

Date Started: **29 Nov 93**

Northing: **5,938,804.00**

Date Completed: **02 Dec 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **47.6** to **49.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **67.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **38.1**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	734.8	Clay Sandy Brown
19.2	718.6	Sand & Coal Coarse Grained
39.0	698.8	Clay & Sand Gray
41.5	696.4	Clay Gray
43.3	694.6	Sand Coarse Grained
45.1	692.7	Shale Brown
46.9	690.9	Sandstone
47.9	690.0	Shale Green
48.8	689.1	Sandstone
51.2	686.6	Shale Green
53.0	684.8	Sandstone
56.1	681.8	Shale Green
57.6	680.2	Coal
58.2	679.6	Shale Brown
60.0	677.8	Sandstone
62.2	675.7	Shale Gray
64.3	673.5	Sandstone
69.2	668.7	Shale Gray
79.6	658.3	Sandstone
82.9	654.9	Shale Gray
84.4	653.4	Sandstone
86.6	651.3	Shale Green
87.8	650.1	Sandstone
91.4	646.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01785**

Well Owner: **Jansens, Sid/Maureen**

Elevation (AMSL) (m): **741**

AEP: **256377**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **66,870.48**

Date Started: **18 Mar 94**

Northing: **5,939,074.00**

Date Completed: **27 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.0**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **61.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **60.0** Bottom (m): **80.8**  
 Perforated How: **Machine**  
 from (m): **60.0** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **66.1**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **300.0**  
 Level End (m): **71.6** Drawdown (m): **35.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	730.3	Clay Hard
15.2	725.7	Clay Sandy
28.0	712.9	Silt Sandy
36.6	704.4	Clay Silty
44.2	696.8	Sand Fine Grained
48.8	692.2	Sand & Coal
54.3	686.7	Till
56.4	684.6	Sand & Shale Gray
58.5	682.5	Sandstone Dry
63.4	677.6	Shale Greenish Gray
71.6	669.4	Shale Gray
74.7	666.3	Sandstone
76.2	664.8	Shale Sandy Gray
79.8	661.1	Sandstone
80.8	660.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01786**

Well Owner: **Kerswell, Kevin**

Elevation (AMSL) (m): **741**

AEP: **169103**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **66,870.48**

Date Started: **16 Jun 92**

Northing: **5,939,074.00**

Date Completed: **18 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **54.9** to **61.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **68.6** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **29.0**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	734.9			Clay Brown
13.7	727.3			Gravel
22.9	718.1			Shale Gray
27.4	713.5			Sandstone
30.5	710.5			Shale Green
34.1	706.8			Siltstone
36.6	704.4			Sandstone
44.2	696.8			Shale Soft Gray
54.9	686.1			Shale Gray
64.0	677.0			Shale Green
68.6	672.4			Sandstone
70.1	670.9			Shale Gray
73.2	667.8			Sandstone Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 36-053-28 W4M**

Well Number **01787**

Well Owner: **Kosik, Tom**

Elevation (AMSL) (m): **740**

AEP: **156980**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **67,067.35**

Date Started: **31 Jul 90**

Northing: **5,938,747.00**

Date Completed: **02 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): **106.7** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **65.5**  
 Perforated How: **Machine**  
 from (m): **51.8** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **41.2**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **15.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	736.2			Clay Silty Brown
4.6	735.3			Sand
21.3	718.5			Sand Silty Brown
33.5	706.3			Sand & Gravel
36.6	703.3			Shale Green
41.2	698.7			Shale Gray
47.2	692.6			Sandstone
48.8	691.1			Shale Gray
49.4	690.5			Shale Green
51.8	688.1			Shale Gray
52.7	687.1			Coal
53.3	686.5			Shale
53.6	686.2			Sandstone
54.0	685.9			Coal
54.9	685.0			Shale
59.4	680.4			Sandstone Gray
60.7	679.2			Shale Green
61.0	678.9			Coal
64.0	675.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01788**

Well Owner: **Langemann, Albert**

Elevation (AMSL) (m): **741**

AEP: **153066**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,870.48**

Date Started: **21 Apr 89**

Northing: **5,939,074.00**

Date Completed: **24 Apr 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **50.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **50.6** Bottom (m): **81.4**  
 Perforated How: **Machine**  
 from (m): **50.6** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	724.2	Clay Sandy Yellow
27.1	713.8	Clay Blue
34.8	706.2	Sand & Coal
36.9	704.1	Clay Blue
38.4	702.6	Sand & Coal
45.4	695.6	Clay Blue
46.6	694.3	Shale Sandy Gray
53.0	687.9	Shale Gray
55.5	685.5	Shale Sandy Gray
57.9	683.1	Shale Gray
64.0	677.0	Shale Gray
66.8	674.2	Shale Sandy Gray
68.9	672.1	Shale Gray
69.5	671.5	Shale & Coal Brown
71.0	670.0	Shale Gray
72.2	668.7	Shale Sandy Gray
76.5	664.5	Shale Gray
81.1	659.9	Shale Sandy Gray
82.3	658.7	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 36-053-28 W4M**

Well Number **01789**

Well Owner: **Lowe, B.**

Elevation (AMSL) (m): **743**

AEP: **265007**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,767.48**

Date Started: **15 Sep 95**

Northing: **5,939,342.00**

Date Completed: **22 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **62.5** to **67.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **115.8**  
 Perforated How: **Machine**  
 from (m): **73.2** to **85.3** Size:  
 from (m): **97.5** to **115.8** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g07422** Intake (m): **88.4**

**Testing:**

Rate (lpm): **5.5** Time (minute): **120.0**  
 Level End (m): **50.9** Drawdown (m): **56.1**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

8.2	734.7	Clay Sandy Brown
14.6	728.3	Clay Gray
21.9	721.0	Sand & Gravel
25.6	717.3	Sandstone
27.7	715.2	Shale Gray
29.6	713.4	Sandstone
31.7	711.2	Shale Brown
35.4	707.6	Sand & Coal
45.4	697.5	Clay Gray
47.2	695.7	Sandstone
51.8	691.1	Clay Gray
57.0	685.9	Sandstone
59.1	683.8	Shale & Coal Brown
61.0	682.0	Shale Gray
63.4	679.5	Sandstone
64.9	678.0	Shale & Coal Brown
67.4	675.6	Shale Gray
68.0	675.0	Coal
72.2	670.7	Sandstone
84.1	658.8	Shale Gray
85.0	657.9	Sandstone
86.9	656.1	Shale Gray
92.7	650.3	Sandstone
96.6	646.3	Shale Gray
97.2	645.7	Sandstone
103.0	639.9	Shale Gray
103.9	639.0	Shale Green
104.9	638.1	Sandstone
106.4	636.6	Shale Green
107.3	635.7	Shale Brown
115.8	627.1	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01790**

Well Owner: **Miller, Rick**

Elevation (AMSL) (m): **742**

AEP: **164907**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **66,886.51**

Date Started: **16 Mar 92**

Northing: **5,938,772.00**

Date Completed: **19 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **30.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **57.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.6** Bottom (m): **97.5**  
 Perforated How: **Saw**  
 from (m): **64.0** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **79.2**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **82.3** Drawdown (m): **52.1**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	733.9	Clay Brown
10.4	732.1	Clay Gray
12.5	730.0	Clay Brown
27.1	715.3	Sand
52.1	690.3	Clay
55.2	687.3	Sandstone Sandy Gray
57.6	684.9	Shale Dark
59.7	682.7	Shale Greenish Gray
60.0	682.4	Shale Brown
60.7	681.8	Coal
67.1	675.4	Shale
68.3	674.2	Sandstone
75.9	666.6	Shale
79.8	662.6	Sandstone Gray
83.2	659.2	Sandstone Gray
88.4	654.1	Shale
95.1	647.4	Sandstone
97.5	644.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-28 W4M**

Well Number **01791**

Well Owner: **Webster, Doug**

Elevation (AMSL) (m): **741**

AEP: **280690**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **66,870.48**

Date Started: **24 Jul 95**

Northing: **5,939,074.00**

Date Completed: **31 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **56.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.3** Bottom (m): **88.4**  
 Perforated How: **Saw**  
 from (m): **61.0** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **61.6**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	730.3			Clay Brown
13.7	727.3			Clay Blue
29.0	712.0			Gravel Coarse Grained
33.5	707.4			Shale Gray
41.2	699.8			Shale Green
50.3	690.7			Shale Gray
50.6	690.4			Coal
56.1	684.9			Shale Gray
64.0	677.0			Shale Green
64.6	676.4			Coal
65.8	675.1			Shale Gray
68.6	672.4			Sandstone
74.1	666.9			Shale Gray
79.8	661.1			Siltstone
86.0	655.0			Sandstone
88.4	652.6			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-053-28 W4M**

Well Number **01792**

Well Owner: **Wilson, W.D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156790**  
 Easting: **66,870.48**  
 Northing: **5,939,074.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

---04-054-27 W4M

Well Number 02726

Well Owner: **Valeriotte, M.A.**

Elevation (AMSL) (m): **712**

AEP: **260536**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **71,957.34**

Date Started:

Northing: **5,940,558.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Drilled**  
Well Use: **Unknown**  
Completed Depth **79.2** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **18 May 82**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>1058</b>	SAR	Nickel
TDS	<b>621.0</b>	TKN	Selenium
Sodium	<b>164.91</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>53.91</b>	TN	Vanadium
Magnesium	<b>77.09</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>541.77</b>	Arsenic	Total Hardness <b>164.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>124.88</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.91</b>
Fluoride	<b>0.25</b>	Chromium	Amm. Nitrogen
Iron	<b>2.90</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>445.0</b>
Silica	<b>10.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-054-27 W4M**

Well Number **02727**

Well Owner: **Machin, Tom**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **756**      AEP: **260534**  
 Licence No.:                              Easting: **70,520.84**  
 Date Started: **27 Aug 88**          Northing: **5,941,365.00**  
 Date Completed: **28 Aug 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **42.7** (m)  
 NPWL (m): **9.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5**      Bottom (m): **33.5**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite & Cement**  
 from (m):                  to **25.9**  
**Liner:**  
 Type:  
 OD (mm):                  Thickness (mm):  
 Top (m):                  Bottom (m):  
 Perforated How:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Screen:**  
 Material:  
 OD (mm):                  to                  Size:  
 from (m):                  to                  Size:  
**Open Hole:**  
 from (m):                  to  
**Pump: Sub**  
 Model:                                  Intake (m):  
**Testing:**  
 Rate (lpm): **13.7**                  Time (minute): **1440.0**  
 Level End (m): **21.3**                  Drawdown (m): **12.2**  
 Rec'd intake (m): **24.4**                  Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	744.3	Clay
14.9	741.5	Shale Sandy
17.4	739.1	Shale
17.7	738.8	Sandstone Hard
25.0	731.5	Shale
28.7	727.8	Shale Sandy
32.0	724.5	Shale
32.6	723.8	Coal
42.7	713.8	Shale

Laboratory:		<b>13 Oct 88</b>	
pH (pH unit)	<b>7.64</b>	COD	Mercury
Cond. (µS/cm)	<b>801.0</b>	SAR	Nickel
TDS	<b>474.0</b>	TKN	Selenium
Sodium	<b>37.95</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>115.03</b>	TN	Vanadium
Magnesium	<b>22.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>499.67</b>	Arsenic	Total Hardness <b>382.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>48.99</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>0.22</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>410.0</b>
Silica	<b>17.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                  m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                  Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 04-054-27 W4M**

Well Number **02728**

Well Owner: **Schmidt, Helmut**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260533**  
 Easting: **70,520.84**  
 Northing: **5,941,365.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **05 Nov 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>458.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>330.00</b>
Aluminum	Barium	Manganese
Sulphate <b>19.21</b>	Beryllium	Phosphate
Chloride <b>9.93</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>2.80</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>425.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 04-054-27 W4M**

Well Number **02729**

Well Owner: **Carter, Gordon Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **712**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161744**  
 Easting: **71,959.16**  
 Northing: **5,940,545.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 04-054-27 W4M**

Well Number **02730**

Well Owner: **Walter, E. Norman**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260527**  
 Easting: **70,721.86**  
 Northing: **5,940,951.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **4.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Jul 79**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>724.0</b>	SAR	Nickel
TDS	<b>410.0</b>	TKN	<b>0.01</b>
Sodium	<b>6.90</b>	Nitrate	Selenium
Potassium	<b>1.17</b>	Nitrite	Strontium
Calcium	<b>108.02</b>	TN	Molybdenum
Magnesium	<b>31.01</b>	TC	Vanadium
Carbonate		DIC	Zinc
Bicarbonate	<b>458.19</b>	Arsenic	Hydroxide
Aluminum		Barium	Total Hardness <b>396.00</b>
Sulphate	<b>36.02</b>	Beryllium	Manganese
Chloride		Cadium	Phosphate
Fluoride	<b>0.34</b>	Chromium	Ion Balance <b>0.99</b>
Iron	<b>0.09</b>	Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	<b>14.30</b>	Lead	Total Alkalinity <b>376.0</b>
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 04-054-27 W4M**

Well Number **02731**

Well Owner: **Walter, E. Norman**

Elevation (AMSL) (m): **747**

AEP: **260528**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,726.85**

Date Started: **23 Jun 89**

Northing: **5,940,956.50**

Date Completed: **30 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic & Stock**  
 Completed Depth **21.6** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **13.7** to **14.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **240.0**  
 Level End (m): **20.1** Drawdown (m): **14.0**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	743.6	Clay Brown
6.1	740.5	Clay Blue
13.7	732.9	Sandstone
14.6	732.0	Shale Gray
21.6	725.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

---05-054-27 W4M

Well Number **02732**

Well Owner: **Brule, Emile**

Elevation (AMSL) (m): **747**

AEP: **260959**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,618.91**

Date Started:

Northing: **5,941,039.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Hand Dug**  
Well Use: **Domestic**  
Completed Depth **39.6** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **13 Jun 75**

pH (pH unit)	<b>8.90</b>	COD	Mercury
Cond. (µS/cm)	<b>1200</b>	SAR	Nickel
TDS	<b>516.0</b>	TKN	Selenium
Sodium	<b>223.10</b>	Nitrate	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>30.00</b>	DIC	Hydroxide
Bicarbonate	<b>488.69</b>	Arsenic	Total Hardness <b>11.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance <b>1.04</b>
Fluoride	<b>2.54</b>	Chromium	Amm. Nitrogen
Iron	<b>0.80</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>451.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-05-054-27 W4M

Well Number 02733

Well Owner: **Calahoo, Paquette A.**

Elevation (AMSL) (m): **752**

AEP: **260955**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **70,242.09**

Date Started:

Northing: **5,941,339.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **33.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **29 Jan 70**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>858.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>308.00</b>
Aluminum	Barium	Manganese
Sulphate <b>266.09</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>7.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>500.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

---05-054-27 W4M

Well Number **02734**

Well Owner: **Kovacs, Gregg**

Elevation (AMSL) (m): **747**

AEP: **260960**

Licence No.:

Easting: **69,618.91**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,941,039.00**

Date Completed:

<b>General:</b>			
Type of Work:	<b>Chemistry</b>		
Drilling Method:	<b>Drilled</b>		
Well Use:	<b>Domestic</b>		
Completed Depth:	<b>39.6</b>	(m)	
NPWL (m):		Verified NPWL (m):	
Abandonment:			
<b>Casing:</b>			
Type:			
Depth (m):		Bottom (m):	
OD (mm):		Thickness (mm):	
Seal Type:			
from (m):	to		
<b>Liner:</b>			
Type:			
OD (mm):		Thickness (mm):	
Top (m):		Bottom (m):	
Perforated How:			
from (m):	to	Size:	
from (m):	to	Size:	
from (m):	to	Size:	
<b>Screen:</b>			
Material:			
OD (mm):		Size:	
from (m):	to	Size:	
from (m):	to	Size:	
<b>Open Hole:</b>			
from (m):	to		
<b>Pump:</b>			
Model:		Intake (m):	
<b>Testing:</b>			
Rate (lpm):		Time (minute):	
Level End (m):		Drawdown (m):	
Rec'd intake (m):		Rec'd Rate (lpm):	

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
<b>(No Lithologic Information Available)</b>		

Laboratory:		<b>09 Aug 77</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>752.0</b>	SAR	Nickel
TDS	<b>426.0</b>	TKN	Selenium
Sodium	<b>31.97</b>	Nitrate	Strontium
Potassium	<b>5.08</b>	Nitrite	Molybdenum
Calcium	<b>83.97</b>	TN	Vanadium
Magnesium	<b>40.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>460.02</b>	Arsenic	Total Hardness <b>373.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>37.94</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.07</b>
Fluoride	<b>0.18</b>	Chromium	Amm. Nitrogen
Iron	<b>1.94</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>378.0</b>
Silica	<b>23.60</b>	Lead	Nitrate&Nitrite N
<i>Chemical Constituents are in mg/l (ppm). Except as noted.</i>			

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Remarks:

*Water Well Positioned by PFRA in 10TM NAD 27*

---05-054-27 W4M

Well Number 02735

Well Owner: **Lowe, Dawn E.**

Elevation (AMSL) (m): **747**

AEP: **260965**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,618.91**

Date Started:

Northing: **5,941,039.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

---05-054-27 W4M

Well Number **02736**

Well Owner: **Schinke, H.**

Elevation (AMSL) (m): **747**

AEP: **260963**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,618.91**

Date Started:

Northing: **5,941,039.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **39.6** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **22 Jan 80**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>825.0</b>	SAR	Nickel
TDS	<b>449.0</b>	TKN	Selenium
Sodium	<b>13.11</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>125.05</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>546.65</b>	Arsenic	Total Hardness <b>435.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>8.17</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>5.14</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>449.0</b>
Silica	<b>18.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-05-054-27 W4M

Well Number 02737

Well Owner: Sinclair, Bill

Elevation (AMSL) (m): 750

AEP: 186263

Drilling Contractor: Elliott Drlg

Licence No.:

Easting: 69,541.26

Date Started:

Northing: 5,940,675.50

Date Completed: 22 Apr 71

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **28.0** (m)  
NPWL (m): **18.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **26.8** Bottom (m): **26.8**  
OD (mm): **114.3** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **26.8** to **28.0** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jet**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **480.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): **22.9** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	743.5	Clay Brown
16.8	732.8	Silt
18.3	731.3	Sand Brown
21.3	728.2	Silt
26.2	723.4	Sand Fine Grained Brown
28.0	721.5	Sand White

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



---05-054-27 W4M

Well Number **02738**

Well Owner: **Spinks, John J.**

Elevation (AMSL) (m): **747**

AEP: **260957**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,618.91**

Date Started:

Northing: **5,941,039.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Drilled**  
Well Use: **Domestic**  
Completed Depth **31.1** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

**08 Oct 75**

pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>460.0</b>	SAR	Nickel
TDS	<b>274.0</b>	TKN	Selenium
Sodium	<b>31.05</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>38.08</b>	TN	Vanadium
Magnesium	<b>21.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>347.15</b>	Arsenic	Total Hardness <b>184.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>4.96</b>	Cadium	Ion Balance <b>0.85</b>
Fluoride	<b>0.22</b>	Chromium	Amm. Nitrogen
Iron	<b>2.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>285.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

12-05-054-27 W4M

Well Number 02739

Well Owner: **Tencer, Neil**

Elevation (AMSL) (m): **748**

AEP: **260851**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **69,077.16**

Date Started: **15 Aug 83**

Northing: **5,941,096.00**

Date Completed: **16 Aug 83**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.0**

**Liner:**

Type:  
 OD (mm): **50.8** Thickness (mm):  
 Top (m): **59.4** Bottom (m): **68.6**  
 Perforated How: **Machine**  
 from (m): **60.0** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **59.4** Drawdown (m): **14.9**  
 Rec'd intake (m): **59.4** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.1	745.8			Clay
16.5	731.5			Sand & Gravel
29.0	719.0			Shale
44.2	703.8			Sand
59.7	688.2			Shale
65.5	682.4			Sandstone
68.6	679.4			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

---05-054-27 W4M

Well Number **02740**

Well Owner: **Yim, Simon**

Elevation (AMSL) (m): **747**

AEP: **260964**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,618.91**

Date Started:

Northing: **5,941,039.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **29.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Feb 81**

pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>810.0</b>	SAR	Nickel
TDS	<b>409.0</b>	TKN	Selenium
Sodium	<b>20.93</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>100.00</b>	TN	Vanadium
Magnesium	<b>25.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>488.69</b>	Arsenic	Total Hardness <b>353.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>15.85</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.23</b>	Chromium	Amm. Nitrogen
Iron	<b>2.71</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>401.0</b>
Silica	<b>18.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02741**

Well Owner: **Atwal, Irbal S.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260952**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02742**

Well Owner: **Belcourt, Gordon**

Elevation (AMSL) (m): **753**

AEP: **260917**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,198.34**

Date Started: **16 Sep 76**

Northing: **5,941,925.50**

Date Completed: **16 Sep 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **16.8** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **558.8** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **60.0**  
 Level End (m): **10.4** Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	746.7	Clay Brown
8.5	744.9	Clay & Sand Brown
9.1	744.3	Clay Brown
11.0	742.5	Sand Medium Grained Gray
12.2	741.3	Coal
16.8	736.7	Sandstone Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02743**

Well Owner: **Calverley, Brett**

Elevation (AMSL) (m): **759**

AEP: **264149**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **70,063.50**

Date Started: **12 Nov 78**

Northing: **5,941,665.00**

Date Completed: **21 Nov 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **54.9**  
 Perforated How: **Torch**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **5d5-33** Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **45.7**  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	746.1	Clay & Rocks
34.4	724.4	Shale & Sandstone Ledges
36.3	722.6	Coal
38.1	720.8	Sandstone Soft
51.8	707.1	Shale & Sandstone Ledges
52.4	706.4	Coal
54.9	704.0	Shale

Laboratory: **20 Dec 78**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>890.0</b>	SAR	Nickel
TDS	<b>529.0</b>	TKN	Selenium
Sodium	<b>109.94</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>78.96</b>	TN	Vanadium
Magnesium	<b>13.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>585.70</b>	Arsenic	Total Hardness <b>255.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>31.22</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.42</b>	Chromium	Amm. Nitrogen
Iron	<b>0.87</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>480.0</b>
Silica	<b>14.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02744**

Well Owner: **Chouinad, A.**

Elevation (AMSL) (m): **762**

AEP: **260875**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **70,000.04**

Date Started: **17 Sep 76**

Northing: **5,941,514.50**

Date Completed: **19 Sep 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **17.4** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Concrete**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **609.6** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	755.9	Clay Sandy Brown
7.0	755.0	Clay Brown
8.5	753.4	Clay & Sand Brown
14.0	748.0	Sand & Coal
14.9	747.0	Clay & Coal Gray
16.5	745.5	Sand Brown
17.4	744.6	Sand & Coal Gray

<b>Laboratory:</b>			<b>20 Jul 77</b>
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>860.0</b>	SAR	Nickel
TDS	<b>540.0</b>	TKN	Selenium
Sodium	<b>13.11</b>	Nitrate	Strontium
Potassium	<b>9.78</b>	Nitrite	Molybdenum
Calcium	<b>146.09</b>	TN	Vanadium
Magnesium	<b>40.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>621.08</b>	Arsenic	Total Hardness <b>529.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>25.94</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.06</b>
Fluoride	<b>0.23</b>	Chromium	Amm. Nitrogen
Iron	<b>0.54</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>510.0</b>
Silica	<b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02745**

Well Owner: **Christenson, Gerry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260954**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 05-054-27 W4M**

Well Number **02746**

Well Owner: **De Mott, Fred**

Elevation (AMSL) (m): **762**

AEP: **260894**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,000.04**

Date Started: **07 Jun 76**

Northing: **5,941,514.50**

Date Completed: **07 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **25.9** Drawdown (m): **12.2**  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
10.1	751.9	Clay	
11.9	750.1	Sand	
18.0	744.0	Clay	
18.9	743.1	Sandstone	
21.3	740.6	Clay	
26.8	735.2	Sandstone	
27.4	734.5	Clay	

Laboratory: **01 May 81**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>994.0</b>	SAR	Nickel
TDS	<b>581.0</b>	TKN	Selenium
Sodium	<b>230.92</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>647.93</b>	Arsenic	Total Hardness <b>11.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.98</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.92</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>0.47</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>532.0</b>
Silica	<b>20.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02747**

Well Owner: **Elliott, Neil**

Elevation (AMSL) (m): **762**

AEP: **260943**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,000.04**

Date Started: **01 Mar 80**

Northing: **5,941,514.50**

Date Completed: **01 Mar 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.1** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **34.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	756.2			Shale Sandy
8.2	753.7			Sandstone Brown
17.4	744.6			Clay
21.0	740.9			Sandstone
34.8	727.2			Shale
40.5	721.4			Sandstone
41.5	720.5			Coal
42.1	719.9			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 05-054-27 W4M**

Well Number **02748**

Well Owner: **Erin Estates**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **762**      AEP: **260870**  
 Licence No.:      Easting: **70,000.04**  
 Date Started: **01 Jun 76**      Northing: **5,941,514.50**  
 Date Completed: **01 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **15.2**      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.1**      Bottom (m): **31.1**  
 OD (mm): **114.3**      Thickness (mm):  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm): **9.1**      Time (minute): **420.0**  
 Level End (m): **31.1**      Drawdown (m): **15.9**  
 Rec'd intake (m): **31.1**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	758.6	Clay
7.3	754.7	Sand
8.2	753.7	Sand & Gravel
24.7	737.3	Clay
31.1	730.9	Sandstone
32.0	730.0	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02749**

Well Owner: **Hort, Peter**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260920**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **20 Aug 82**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>766.0</b>	SAR	Nickel
TDS <b>438.0</b>	TKN	Selenium
Sodium <b>45.08</b>	Nitrate	Strontium
Potassium <b>5.08</b>	Nitrite	Molybdenum
Calcium <b>83.97</b>	TN	Vanadium
Magnesium <b>21.04</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>461.85</b>	Arsenic	Total Hardness <b>296.00</b>
Aluminum	Barium	Manganese
Sulphate <b>55.23</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.91</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron <b>5.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>379.0</b>
Silica <b>16.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02750**

Well Owner: **Kusch, Rupert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260873**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b>Lithologic Description</b>
<b>(No Lithologic Information Available)</b>	

Laboratory: **24 May 77**

pH (pH unit) <b>7.40</b>	COD	Mercury
Cond. (µS/cm) <b>810.0</b>	SAR	Nickel
TDS <b>482.0</b>	TKN	Selenium
Sodium <b>14.95</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>140.08</b>	TN	Vanadium
Magnesium <b>25.05</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>552.75</b>	Arsenic	Total Hardness <b>454.00</b>
Aluminum	Barium	Manganese
Sulphate <b>26.90</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.01</b>
Fluoride	Chromium	Amm. Nitrogen
Iron <b>6.36</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>454.0</b>
Silica <b>19.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02751**

Well Owner: **Looten, H.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260888**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>10 Nov 75</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>825.0</b>	SAR	Nickel
TDS	<b>525.0</b>	TKN	Selenium
Sodium	<b>14.03</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>124.05</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>638.77</b>	Arsenic	Total Hardness <b>435.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>37.94</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.83</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>524.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02752**

Well Owner: **Miller, Leon**

Elevation (AMSL) (m): **762**

AEP: **260925**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,000.04**

Date Started:

Northing: **5,941,514.50**

Date Completed: **11 Sep 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **46.0**  
 Perforated How:  
 from (m): **26.8** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **1440.0**  
 Level End (m): **22.6** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
15.2	746.7	Clay Yellow
17.7	744.3	Clay Blue
19.5	742.5	Shale Light Gray
24.1	737.9	Shale Dark Gray
25.6	736.4	Shale Gray
28.7	733.3	Shale Dark Gray
32.9	729.1	Shale Sandy Gray
33.2	728.8	Sandstone
34.8	727.2	Coal
36.3	725.7	Shale Gray
37.5	724.5	Shale Green
38.1	723.9	Coal
39.3	722.7	Shale Brown
46.0	716.0	Shale Gray

Laboratory: **25 Oct 73**

pH (pH unit)	<b>7.20</b>	COD	Mercury
Cond. (µS/cm)	<b>750.0</b>	SAR	Nickel
TDS	<b>388.0</b>	TKN	Selenium
Sodium	<b>40.94</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>67.94</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>449.64</b>	Arsenic	Total Hardness <b>294.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>17.77</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>1.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>369.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02753**

Well Owner: **Myck, Jerry**

Elevation (AMSL) (m): **751**

AEP: **260921**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **70,358.31**

Date Started: **25 May 76**

Northing: **5,941,166.50**

Date Completed: **26 May 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **40.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.8	734.5	Clay	Brown	
19.5	731.7	Shale		
28.0	723.2	Sandstone		
32.9	718.3	Sandstone	Silty	
34.8	716.5	Shale		
36.9	714.4	Sandstone		
43.9	707.4	Shale		
45.1	706.1	Shale	Brown	
46.0	705.2	Coal		
48.8	702.5	Shale	Green	
50.3	701.0	Sandstone		
52.4	698.8	Shale		
56.1	695.2	Sandstone		
59.4	691.8	Shale		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 05-054-27 W4M**

Well Number **02754**

Well Owner: **Neeve, N.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260935**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **10 Jan 78**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>658.0</b>	SAR	Nickel
TDS <b>384.0</b>	TKN	Selenium
Sodium <b>147.89</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>16.03</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>433.78</b>	Arsenic	Total Hardness <b>47.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>0.18</b>	Chromium	Amm. Nitrogen
Iron <b>0.26</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>358.0</b>
Silica <b>11.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02755**

Well Owner: **Pearce, William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260937**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>23 Nov 79</b>	
pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>798.0</b>	SAR	Nickel
TDS	<b>461.0</b>	TKN	Selenium
Sodium	<b>23.92</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>123.05</b>	TN	Vanadium
Magnesium	<b>24.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>522.86</b>	Arsenic	Total Hardness <b>404.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>29.78</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>0.99</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>429.0</b>
Silica	<b>15.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02756**

Well Owner: **Rivest**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260886**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>04 Oct 76</b>	
pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>870.0</b>	SAR	Nickel
TDS	<b>287.0</b>	TKN	Selenium
Sodium	<b>69.92</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>22.04</b>	TN	Vanadium
Magnesium	<b>24.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>323.96</b>	Arsenic	Total Hardness <b>152.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>1.12</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>1.06</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>270.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02757**

Well Owner: **Schinke, Hans**  
 Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **756**      AEP: **264165**  
 Licence No.:      Easting: **70,071.20**  
 Date Started: **25 Nov 88**      Northing: **5,941,329.90**  
 Date Completed: **01 Dec 88**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **46.9** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment: **Unknown**      **01 Dec 88**

**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm):      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	734.4	Clay Sandy Yellow
27.7	728.0	Shale Brittle Green
35.0	720.7	Shale Sandy Gray
36.6	719.2	Shale Brown
41.5	714.3	Shale Green
44.8	711.0	Coal
46.9	708.8	Shale Brittle Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02758**

Well Owner: **Schinke, Hans**

Elevation (AMSL) (m): **757**

AEP: **264154**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,610.03**

Date Started: **01 Dec 88**

Northing: **5,941,805.00**

Date Completed: **02 Dec 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **44.2** to **45.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

19.5	737.6	Clay Sandy Yellow
25.6	731.6	Shale Brittle Green
28.7	728.5	Shale Sandy Gray
29.3	727.9	Shale Gray
32.0	725.2	Shale Brittle Brown
35.4	721.8	Shale Brittle Green
41.2	716.0	Shale Sandy Gray
43.9	713.3	Coal
45.7	711.4	Shale Brittle Gray
48.2	709.0	Coal
54.0	703.2	Shale Brittle Green
56.1	701.1	Shale Sandy Gray
60.0	697.1	Shale Brittle Green
62.2	695.0	Shale Sandy Gray
63.1	694.1	Shale Brittle Gray
63.7	693.5	Shale & Coal Brown
69.8	687.4	Shale Green
73.5	683.7	Shale Sandy Gray
76.5	680.7	Shale Gray
78.6	678.5	Shale Brown
83.5	673.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02759**

Well Owner: **Sheppitta, Paul**

Elevation (AMSL) (m): **762**

AEP: **260881**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,000.04**

Date Started: **17 Jun 77**

Northing: **5,941,514.50**

Date Completed: **17 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **29.0**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	757.7	Clay
5.2	756.8	Gravel
7.9	754.1	Clay
8.5	753.4	Sandstone
21.0	740.9	Shale
21.6	740.3	Sandstone
25.0	737.0	Shale
26.8	735.2	Sandstone
29.0	733.0	Shale Blue
35.4	726.6	Sandstone
36.0	726.0	Coal
36.6	725.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02760**

Well Owner: **Stadnyk, Blair**  
 Drilling Contractor: *Ferland Enterprises*

Elevation (AMSL) (m): **762**                      AEP: **260868**  
 Licence No.:    Easting: **70,000.04**  
 Date Started: **08 Apr 76**                      Northing: **5,941,514.50**  
 Date Completed: **12 Apr 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **18.3**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **54.9**                      Bottom (m): **54.9**  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                      to **54.9**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **9.1**                      Time (minute): **120.0**  
 Level End (m): **45.7**                      Drawdown (m): **27.4**  
 Rec'd intake (m): **53.3**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	740.6	Clay
22.6	739.4	Quicksand
39.6	722.4	Shale
40.2	721.7	Quicksand
58.5	703.5	Sandstone
59.7	702.2	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02761**

Well Owner: **Thomas, Greg**

Elevation (AMSL) (m): **750**

AEP: **260940**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **70,138.85**

Date Started: **15 Aug 77**

Northing: **5,941,203.50**

Date Completed: **19 Aug 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Welded Ring**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **48.2**  
 Perforated How: **Torch**  
 from (m): **25.6** to **48.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	
7.6	742.4		Clay Sandy
10.1	739.9		Till
11.6	738.4		Clay Blue
13.1	736.9		Till
13.7	736.3		Shale Brown
16.8	733.2		Sandstone Soft Gray
17.4	732.6		Shale Hard Gray
20.7	729.3		Sandstone & Shale Ledges Soft
21.3	728.7		Shale Brown
25.9	724.1		Sandstone & Shale Ledges Soft
26.5	723.5		Shale Hard
27.1	722.9		Shale Brown
31.7	718.3		Sandstone Soft Gray
36.0	714.0		Sandstone & Coal Soft Gray
42.1	707.9		Shale & Coal Brown
43.0	707.0		Shale
43.3	706.7		Shale Hard
44.2	705.8		Shale
48.2	701.8		Sandstone & Shale Ledges Soft

Laboratory:		<b>10 Jan 78</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>905.0</b>	SAR	Nickel
TDS	<b>517.0</b>	TKN	Selenium
Sodium	<b>51.06</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>128.06</b>	TN	Vanadium
Magnesium	<b>24.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>629.62</b>	Arsenic	Total Hardness <b>421.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>517.0</b>
Silica	<b>17.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**NE 05-054-27 W4M**

Well Number **02762**

Well Owner: **Upkar Ent. International**

Elevation (AMSL) (m): **756**

AEP: **265307**

Drilling Contractor: *Kielbauch Drlg*

Licence No.:

Easting: **70,345.09**

Date Started: **22 Nov 78**

Northing: **5,941,706.00**

Date Completed: **27 Nov 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Formation Packer**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **360.0**  
 Level End (m): **35.0** Drawdown (m): **24.4**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	748.4	Clay
8.8	747.2	Sandstone
10.4	745.7	Clay
15.2	740.8	Clay
21.3	734.7	Sand
30.5	725.6	Clay
33.5	722.5	Shale
39.6	716.4	Clay
41.2	714.9	Sandstone
51.8	704.3	Clay
53.0	703.0	Coal
57.9	698.2	Clay
64.0	692.1	Sand
70.1	686.0	Clay
74.7	681.4	Shale Sandy
76.2	679.9	Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02763**

Well Owner: **Vanneck, John**

Elevation (AMSL) (m): **755**

AEP: **260945**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,305.43**

Date Started: **31 Dec 85**

Northing: **5,941,566.00**

Date Completed: **31 Dec 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **40.8**  
 Perforated How: **Unknown**  
 from (m): **31.7** to **40.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **26.8**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
13.1	742.4		Clay
15.9	739.6		Shale
40.8	714.7		Sandstone
41.2	714.3		Shale

Laboratory: **21 Jan 86**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>811.0</b>	SAR	Nickel
TDS	<b>457.0</b>	TKN	Selenium
Sodium	<b>20.93</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>125.05</b>	TN	Vanadium
Magnesium	<b>25.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>513.70</b>	Arsenic	Total Hardness <b>415.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>29.78</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.68</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>422.0</b>
Silica	<b>19.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02764**

Well Owner: **Wales, N.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260951**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **37.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>26 Jun 86</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>849.0</b>	SAR	Nickel
TDS	<b>492.0</b>	TKN	Selenium
Sodium	<b>39.10</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>119.04</b>	TN	Vanadium
Magnesium	<b>27.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>591.80</b>	Arsenic	Total Hardness <b>408.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>12.01</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>7.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>486.0</b>
Silica	<b>16.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 05-054-27 W4M**

Well Number **02765**

Well Owner: **Wilchynski, M.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260891**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**

Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **28.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material: **Un**  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                                      Drawdown (m):  
 Rec'd intake (m):                                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b><u>Lithologic Description</u></b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:		<b>21 Oct 75</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>800.0</b>	SAR	Nickel
TDS	<b>411.0</b>	TKN	Selenium
Sodium	<b>57.96</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>83.97</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>456.96</b>	Arsenic	Total Hardness <b>276.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>25.94</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.15</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>375.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>	Project:	Database: <b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-27 W4M**

Well Number **02766**

Well Owner: **Wolf, Marvin/Lorraine**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **167581**  
 Easting: **70,000.04**  
 Northing: **5,941,514.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 05-054-27 W4M**

Well Number **02767**

Well Owner: **Fordham, Terry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260865**  
 Easting: **69,649.53**  
 Northing: **5,941,306.17**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **07 Jan 81**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>925.0</b>	SAR	Nickel
TDS <b>453.0</b>	TKN	Selenium
Sodium <b>8.05</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>121.04</b>	TN	Vanadium
Magnesium <b>38.06</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>544.21</b>	Arsenic	Total Hardness <b>458.00</b>
Aluminum	Barium	Manganese
Sulphate <b>14.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>0.33</b>	Chromium	Amm. Nitrogen
Iron <b>3.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>446.0</b>
Silica <b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NH 05-054-27 W4M**

Well Number **02768**

Well Owner: **Merkosky, Rick & Monica**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **759**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260861**  
 Easting: **69,751.19**  
 Northing: **5,941,747.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.3** Bottom (m): **7.3**  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **09 Aug 78**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>799.0</b>	SAR	Nickel
TDS <b>470.0</b>	TKN	Selenium
Sodium <b>11.96</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>123.05</b>	TN	Vanadium
Magnesium <b>31.01</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>519.20</b>	Arsenic	Total Hardness <b>436.00</b>
Aluminum	Barium	Manganese
Sulphate <b>43.23</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride <b>0.30</b>	Chromium	Amm. Nitrogen
Iron <b>0.49</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>428.0</b>
Silica <b>19.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02769**

Well Owner: **Anderson, Ben**

Elevation (AMSL) (m): **752**

AEP: **260753**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **69,226.27**

Date Started: **08 Nov 79**

Northing: **5,941,512.50**

Date Completed: **12 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **36.6** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	741.8	Clay Brown
35.0	717.4	Clay Gray
37.5	714.9	Sandstone Fine Grained
45.7	706.7	Shale & Coal
50.3	702.1	Shale
53.3	699.1	Sandstone Tight
57.9	694.5	Sandstone & Coal
61.0	691.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 05-054-27 W4M**

Well Number **02770**

Well Owner: **Apostal, Dale**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260860**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02771**

Well Owner: **Bennett, Dale**

Elevation (AMSL) (m): **752**

AEP: **260733**

Drilling Contractor: *Measures, Clark Drilling*

Licence No.:

Easting: **69,226.27**

Date Started: **12 May 83**

Northing: **5,941,512.50**

Date Completed: **12 May 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **7.6**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.0	723.5	Sand
32.9	719.5	Shale Gray
38.1	714.3	Sandstone Gray
39.6	712.8	Shale Brown
39.9	712.5	Coal
41.2	711.3	Shale Gray

Laboratory:			25 Aug 83
pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>881.0</b>	SAR	Nickel
TDS	<b>509.0</b>	TKN	Selenium
Sodium	<b>86.02</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>91.98</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>572.88</b>	Arsenic	Total Hardness <b>292.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>29.78</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>1.26</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>470.0</b>
Silica	<b>13.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02772**

Well Owner: **Bruins, Ben**

Elevation (AMSL) (m): **752**

AEP: **260748**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **01 Aug 78**

Northing: **5,941,512.50**

Date Completed: **01 Aug 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	748.5	Clay
5.5	746.9	Gravel
14.0	738.4	Shale
15.2	737.2	Sandstone
18.3	734.1	Bentonite
25.6	726.8	Sand & Shale Gray
41.2	711.3	Sandstone
47.2	705.2	Shale
48.8	703.7	Coal
50.3	702.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02773**

Well Owner: **Delaney, Brian**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **755**      AEP: **260836**  
 Licence No.:                              Easting: **69,556.10**  
 Date Started: **16 Aug 79**          Northing: **5,941,374.00**  
 Date Completed: **01 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.7** (m)  
 NPWL (m): **9.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type: **Driven**  
 from (m):                              to **21.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Top (m):                              Bottom (m): **21.9**  
 Perforated How: **Torch**  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Open Hole:**  
 from (m):                              to  
**Pump:**  
 Model:                                      Intake (m):  
**Testing:**  
 Rate (lpm): **54.7**                      Time (minute): **420.0**  
 Level End (m): **21.3**                      Drawdown (m): **11.9**  
 Rec'd intake (m): **21.3**                      Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	747.8	Clay Brown
18.9	736.3	Shale Brown
21.9	733.2	Sandstone Gray
24.7	730.5	Shale Gray

Laboratory:		<b>04 Sep 79</b>	
pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>813.0</b>	SAR	Nickel
TDS	<b>463.0</b>	TKN	Selenium
Sodium	<b>17.94</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>113.03</b>	TN	Vanadium
Magnesium	<b>35.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>557.02</b>	Arsenic	Total Hardness <b>424.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>19.21</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.20</b>	Chromium	Amm. Nitrogen
Iron	<b>1.48</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>457.0</b>
Silica	<b>18.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02774**

Well Owner: **Ed**

Elevation (AMSL) (m): **752**

AEP: **260746**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **03 Nov 78**

Northing: **5,941,512.50**

Date Completed: **03 Nov 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **36.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **35.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	741.8			Clay
27.4	725.0			Sand
32.0	720.4			Shale & Sandstone
34.8	717.7			Shale
35.7	716.8			Sandstone
37.5	714.9			Shale
44.5	707.9			Sandstone
46.6	705.8			Shale
47.9	704.6			Coal
50.3	702.1			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 05-054-27 W4M**

Well Number **02775**

Well Owner: **Esch, Ron**

Elevation (AMSL) (m): **752**

AEP: **260741**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **17 Jun 77**

Northing: **5,941,512.50**

Date Completed: **17 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **42.1**                      Bottom (m): **42.1**  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m):                      to **32.9**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.1**                      to **44.5**                      Size: **0.01**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **180.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	749.7	Clay
14.6	737.8	Sand & Gravel
17.4	735.1	Clay
18.0	734.5	Coal
20.7	731.7	Clay
27.4	725.0	Shale
42.7	709.8	Sand
54.9	697.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02776**

Well Owner: **Fordham, Alix**

Elevation (AMSL) (m): **752**

AEP: **260762**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,226.27**

Date Started: **16 Aug 82**

Northing: **5,941,512.50**

Date Completed: **17 Aug 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **24.4**  
 Rec'd intake (m): **44.8** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	745.7			Clay Brown
26.2	726.2			Sand
28.4	724.1			Clay Blue
38.1	714.3			Shale Green
41.8	710.7			Sandstone Light Gray
43.3	709.2			Coal
44.8	707.6			Shale Brown
48.8	703.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02777**

Well Owner: **Fuhr, B**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **274169**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **07 Jun 82**

pH (pH unit) <b>8.80</b>	COD	Mercury
Cond. (µS/cm) <b>904.0</b>	SAR	Nickel
TDS <b>547.0</b>	TKN	Selenium
Sodium <b>189.06</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>22.04</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate <b>21.90</b>	DIC	Hydroxide
Bicarbonate <b>524.69</b>	Arsenic	Total Hardness <b>67.00</b>
Aluminum	Barium	Manganese
Sulphate <b>49.95</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.92</b>
Fluoride <b>0.17</b>	Chromium	Amm. Nitrogen
Iron <b>0.69</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>467.0</b>
Silica <b>14.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 05-054-27 W4M**

Well Number **02778**

Well Owner: **Gordon, Ross**

Elevation (AMSL) (m): **754**

AEP: **167416**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,515.77**

Date Started: **24 Jun 92**

Northing: **5,941,385.50**

Date Completed: **25 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **35.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **35.0** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	744.5	Clay & Rocks Yellow
11.0	743.3	Shale Brown
15.2	739.0	Clay Yellow
18.6	735.7	Clay Blue
19.8	734.5	Shale Green
30.5	723.8	Shale Sandy Gray
31.1	723.2	Coal
34.1	720.1	Shale Green
35.0	719.2	Shale Brown
36.0	718.3	Shale Green
39.0	715.3	Shale Sandy Gray
40.5	713.7	Shale Gray
43.9	710.4	Shale Green
46.0	708.2	Shale & Coal Brown
55.5	698.8	Shale Green
56.7	697.6	Coal
64.0	690.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02779**

Well Owner: **Griffin, M.**

Elevation (AMSL) (m): **752**

AEP: **260839**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **07 Nov 79**

Northing: **5,941,512.50**

Date Completed: **09 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.6** to **30.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **29.0**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): **29.0** Drawdown (m): **18.0**  
 Rec'd intake (m): **28.4** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	749.4	Clay & Rocks
4.0	748.5	Sand & Gravel
10.4	742.1	Clay
11.3	741.2	Shale Brown
11.9	740.5	Clay
13.1	739.3	Sand
18.0	734.5	Clay
23.8	728.7	Shale Gray
25.0	727.4	Shale Green
29.9	722.6	Shale Sandy Gray
31.1	721.3	Coal

Laboratory:		<b>18 Jan 80</b>	
pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>923.0</b>	SAR	Nickel
TDS	<b>563.0</b>	TKN	Selenium
Sodium	<b>82.11</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>120.04</b>	TN	Vanadium
Magnesium	<b>20.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>638.16</b>	Arsenic	Total Hardness <b>384.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.02</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.08</b>	Chromium	Amm. Nitrogen
Iron	<b>0.62</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>524.0</b>
Silica	<b>16.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02780**

Well Owner: **Heffewan, Bernard**

Elevation (AMSL) (m): **752**

AEP: **264139**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,226.27**

Date Started: **10 Jul 81**

Northing: **5,941,512.50**

Date Completed: **13 Jul 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **21.6** to **22.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	748.2	Clay Yellow
24.7	727.7	Sand & Coal
27.4	725.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02781**

Well Owner: **Ivanenko, George**

Elevation (AMSL) (m): **752**

AEP: **260751**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,226.27**

Date Started: **17 Sep 79**

Northing: **5,941,512.50**

Date Completed: **18 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **46.0**  
 Perforated How: **Torch**  
 from (m): **24.4** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	750.0	Clay Yellow
4.6	747.9	Sand
14.6	737.8	Clay Yellow
16.8	735.7	Shale Green
21.3	731.1	Shale Dark Gray
26.5	725.9	Shale Green
30.5	722.0	Shale Sandy Gray
32.9	719.5	Shale Brittle
40.2	712.2	Shale Sandy Gray
43.0	709.5	Coal Blue
46.9	705.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02782**

Well Owner: **Jungwrith, Linda**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260858**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **10 Feb 88**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>773.0</b>	SAR	Nickel
TDS <b>466.0</b>	TKN	Selenium
Sodium <b>198.03</b>	Nitrate	Strontium
Potassium <b>0.39</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>508.21</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>14.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.01</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>417.0</b>
Silica <b>16.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02783**

Well Owner: **Kennedy, Ken**

Elevation (AMSL) (m): **752**

AEP: **260757**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,226.27**

Date Started: **27 Sep 79**

Northing: **5,941,512.50**

Date Completed: **28 Sep 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Torch**  
 from (m): **36.6** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **18.0**  
 Rec'd intake (m): **34.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
8.5	743.9	Clay & Silt
15.5	736.9	Sand Fine Grained
19.2	733.2	Sand Coarse Grained
33.2	719.2	Sand & Silt Fine Grained
35.4	717.1	Clay & Rocks
36.6	715.9	Shale Yellow
40.8	711.6	Sandstone Light Gray
42.1	710.4	Shale Brown
42.7	709.8	Coal
52.4	700.0	Shale Mixed
54.3	698.2	Shale Green
55.2	697.3	Shale Brown
57.6	694.8	Coal
59.1	693.3	Shale Brown
61.0	691.5	Shale Light Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02784**

Well Owner: **Klemm, Ed S.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260749**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>27 Sep 79</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>745.0</b>	SAR	Nickel
TDS	<b>473.0</b>	TKN	Selenium
Sodium	<b>106.03</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>59.92</b>	TN	Vanadium
Magnesium	<b>13.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>488.08</b>	Arsenic	Total Hardness <b>208.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>49.95</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.48</b>	Chromium	Amm. Nitrogen
Iron	<b>5.52</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>400.0</b>
Silica	<b>11.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02785**

Well Owner: **Kornicki, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156831**  
 Easting: **68,848.89**  
 Northing: **5,941,672.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 05-054-27 W4M**

Well Number **02786**

Well Owner: **Lawrence, Paulgaard**

Elevation (AMSL) (m): **752**

AEP: **260855**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,226.27**

Date Started:

Northing: **5,941,512.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02787**

Well Owner: **Moser, Kevin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **757**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161746**  
 Easting: **69,122.55**  
 Northing: **5,941,643.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02788**

Well Owner: **Pat Yem**

Elevation (AMSL) (m): **752**

AEP: **260759**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,265.15**

Date Started: **24 Oct 80**

Northing: **5,941,444.50**

Date Completed: **27 Oct 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **25.9** to **27.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **19.2** Drawdown (m): **7.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	742.5	Clay Yellow
13.7	737.9	Coal Sandy
14.6	737.0	Clay Yellow
19.8	731.9	Sand
21.3	730.3	Clay Blue
23.8	727.9	Sand
24.7	727.0	Clay Blue
28.0	723.6	Clay & Sand
30.5	721.2	Clay & Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02789**

Well Owner: **Pay Dry Devel Ltd**

Elevation (AMSL) (m): **752**

AEP: **260743**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **01 Jun 77**

Northing: **5,941,512.50**

Date Completed: **01 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **48.8** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **35.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **41.8** to **44.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **600.0**  
 Level End (m): **18.3** Drawdown (m): **1.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	747.9	Clay
9.1	743.3	Sand Fine Grained
24.4	728.1	Clay & Sand Fine Grained
39.6	712.8	Lost Circulation
44.2	708.2	Gravel
48.8	703.7	Clay

Laboratory:			<b>08 Jul 77</b>
pH (pH unit)	<b>8.15</b>	COD	Mercury
Cond. (µS/cm)		SAR	Nickel
TDS	<b>942.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>79.96</b>	TN	Vanadium
Magnesium	<b>21.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>580.21</b>	Arsenic	Total Hardness <b>286.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>207.01</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance
Fluoride	<b>0.41</b>	Chromium	Amm. Nitrogen
Iron	<b>0.68</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>477.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02790**

Well Owner: **Pearce, William C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260764**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>21 Nov 83</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>872.0</b>	SAR	Nickel
TDS	<b>492.0</b>	TKN	Selenium
Sodium	<b>207.00</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>542.99</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>13.93</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.18</b>	Chromium	Amm. Nitrogen
Iron	<b>0.08</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>16.80</b>	Lead	Nitrate&Nitrite N

**0.99**

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02791**

Well Owner: **Piche, Marquise**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **264142**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Aug 83**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>906.0</b>	SAR	Nickel
TDS <b>531.0</b>	TKN	Selenium
Sodium <b>216.89</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>599.73</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>14.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.94</b>
Fluoride <b>0.11</b>	Chromium	Amm. Nitrogen
Iron <b>0.28</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>492.0</b>
Silica <b>16.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02792**

Well Owner: **Renard, Richard**

Elevation (AMSL) (m): **753**

AEP: **260755**

Drilling Contractor: *Triple A Dlg*

Licence No.:

Easting: **69,227.70**

Date Started: **16 Oct 77**

Northing: **5,941,503.50**

Date Completed: **17 Oct 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **54.3**  
 Perforated How: **Torch**  
 from (m): **26.8** to **54.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Berrley** Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **53.6** Drawdown (m): **45.4**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	748.0		Clay
5.5	747.0		Rocks
18.3	734.2		Clay
21.3	731.2		Clay Blue
21.6	730.9		Coal Fine Grained
26.8	725.7		Clay
27.4	725.1		Sandstone Green
31.1	721.4		Shale Brown
37.8	714.7		Shale Green
40.8	711.7		Shale Brown
41.2	711.4		Shale Hard Green
41.8	710.8		Coal
45.7	706.8		Shale Brown
46.9	705.6		Shale & Sandstone Soft Gray
47.2	705.3		Sandstone Hard Gray
54.9	697.7		Shale Brownish Green

Laboratory: **27 Jan 78**

pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>724.0</b>	SAR	Nickel
TDS	<b>405.0</b>	TKN	Selenium
Sodium	<b>57.96</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>87.98</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>483.81</b>	Arsenic	Total Hardness <b>289.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.05</b>
Fluoride	<b>0.05</b>	Chromium	Amm. Nitrogen
Iron	<b>0.75</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>397.0</b>
Silica	<b>17.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02793**

Well Owner: **Slater, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260760**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Mar 81**

pH (pH unit) <b>7.60</b>	COD	Mercury
Cond. (µS/cm) <b>910.0</b>	SAR	Nickel
TDS <b>528.0</b>	TKN	Selenium
Sodium <b>68.08</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>108.02</b>	TN	Vanadium
Magnesium <b>20.06</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>610.71</b>	Arsenic	Total Hardness <b>351.00</b>
Aluminum	Barium	Manganese
Sulphate <b>26.90</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	Chromium	Amm. Nitrogen
Iron <b>1.09</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>502.0</b>
Silica <b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 05-054-27 W4M**

Well Number **02794**

Well Owner: **Stokes, Mrs. M.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **264145**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **04 Jan 82**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>861.0</b>	SAR	Nickel
TDS <b>421.0</b>	TKN	Selenium
Sodium <b>23.92</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>102.00</b>	TN	Vanadium
Magnesium <b>24.08</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>502.11</b>	Arsenic	Total Hardness <b>353.00</b>
Aluminum	Barium	Manganese
Sulphate <b>20.17</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.94</b>
Fluoride <b>0.21</b>	Chromium	Amm. Nitrogen
Iron <b>4.90</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>412.0</b>
Silica <b>17.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02795**

Well Owner: **Suvan Fettig Assc.**

Elevation (AMSL) (m): **752**

AEP: **260735**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,226.27**

Date Started: **26 Jan 76**

Northing: **5,941,512.50**

Date Completed: **27 Jan 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **14.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **44.5**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **840.0**  
 Level End (m): **30.2** Drawdown (m): **15.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.3	752.1		Till
1.8	750.6		Clay
4.6	747.9		Gravel
12.2	740.2		Clay Sandy
15.2	737.2		Clay & Sand Yellow
24.4	728.1		Clay
26.5	725.9		Sand
39.3	713.1		Shale
39.6	712.8		Rocks
45.1	707.3		Sandstone
45.7	706.7		Shale

Laboratory: **19 Feb 76**

pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>800.0</b>	SAR	Nickel
TDS	<b>544.0</b>	TKN	Selenium
Sodium	<b>120.06</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>81.96</b>	TN	Vanadium
Magnesium	<b>11.07</b>	TC	Zinc
Carbonate	<b>29.10</b>	DIC	Hydroxide
Bicarbonate	<b>488.69</b>	Arsenic	Total Hardness <b>250.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>60.04</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.21</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>449.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02796**

Well Owner: **Sylvestre, Vic**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **752**                      AEP: **260761**  
 Licence No.:    Easting: **69,226.27**  
 Date Started: **04 May 81**                      Northing: **5,941,512.50**  
 Date Completed: **05 May 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.2** (m)  
 NPWL (m): **21.6**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):                                      Bottom (m):  
 OD (mm):                                      Thickness (mm):  
 Seal Type:  
 from (m):                                      to  
**Liner:**  
 Type:  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Top (m):                                      Bottom (m): **37.2**  
 Perforated How: **Torch**  
 from (m): **33.5**                      to **37.2**                      Size:  
 from (m):                                      to                                      Size:  
 from (m):                                      to                                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                                      to                                      Size:  
 from (m):                                      to                                      Size:  
**Open Hole:**  
 from (m):                                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **31.9**                                      Time (minute): **120.0**  
 Level End (m): **35.0**                                      Drawdown (m): **13.4**  
 Rec'd intake (m): **35.0**                                      Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	743.3	Clay & Sand
22.9	729.6	Shale
25.9	726.5	Sandstone
27.4	725.0	Shale
29.0	723.5	Coal
33.5	718.9	Shale
37.2	715.3	Coal

<b>Laboratory:</b>			<b>03 Jul 81</b>
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>755.0</b>	SAR	Nickel
TDS	<b>539.0</b>	TKN	Selenium
Sodium	<b>160.08</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>24.05</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>538.11</b>	Arsenic	Total Hardness <b>78.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>62.92</b>	Beryllium	Phosphate
Chloride	<b>19.85</b>	Cadium	Ion Balance <b>0.80</b>
Fluoride	<b>0.23</b>	Chromium	Amm. Nitrogen
Iron	<b>1.14</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>442.0</b>
Silica	<b>14.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02797**

Well Owner: **Takhar, Pal**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260763**  
 Easting: **69,226.27**  
 Northing: **5,941,512.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **12 Jan 82**

pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>874.0</b>	SAR	Nickel
TDS	<b>491.0</b>	TKN	Selenium
Sodium	<b>189.98</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>4.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>15.00</b>	DIC	Hydroxide
Bicarbonate	<b>532.62</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>14.89</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.89</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>463.0</b>
Silica	<b>15.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 05-054-27 W4M**

Well Number **02798**

Well Owner: **Visitew, Kevin**

Elevation (AMSL) (m): **752**

AEP: **153164**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,226.27**

Date Started: **28 Aug 90**

Northing: **5,941,512.50**

Date Completed: **29 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **34.8** Bottom (m): **34.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.8** Bottom (m): **57.9**  
 Perforated How: **Other**  
 from (m): **42.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **45.7** Drawdown (m): **34.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth (m)</b>	<b>Elevation (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	747.9	747.9	Clay & Rocks
8.2	744.2	744.2	Sand & Rocks
10.7	741.8	741.8	Gravel
11.6	740.9	740.9	Clay Gray
15.5	736.9	736.9	Shale
32.9	719.5	719.5	Shale Fractured
36.0	716.5	716.5	Shale Green
45.1	707.3	707.3	Shale
46.3	706.1	706.1	Coal
50.0	702.5	702.5	Shale
53.6	698.8	698.8	Sandstone
54.6	697.9	697.9	Shale
56.1	696.4	696.4	Coal
57.9	694.5	694.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-27 W4M**

Well Number **02799**

Well Owner: **Wrolson**

Elevation (AMSL) (m): **750**

AEP: **260845**

Drilling Contractor: *Mcauley Drilling Co. Ltd.*

Licence No.:

Easting: **68,854.66**

Date Started: **10 Sep 83**

Northing: **5,941,184.00**

Date Completed: **12 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **56.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **65.5**  
 Perforated How: **Machine**  
 from (m): **57.3** to **63.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **18.2**

<b>Depth</b>	<b>Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
1.8	748.3		Till Sandy Brown
5.8	744.3		Sand & Gravel
9.1	741.0		Till Sandy Brown
15.5	734.6		Sand & Gravel
25.0	725.1		Shale & Coal Brownish Gray
28.7	721.5		Siltstone Gray
34.8	715.4		Till Silty Gray
39.0	711.1		Till Gray
39.6	710.5		Gravel
39.9	710.2		Till Sandy Brown
41.2	709.0		Gravel
42.7	707.4		Till Gray
43.6	706.5		Gravel
57.0	693.1		Shale Brownish Gray
62.5	687.6		Sandstone Gray
65.5	684.6		Siltstone Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02800**

Well Owner: **AI**

Elevation (AMSL) (m): **750**

AEP: **260544**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,093.85**

Date Started:

Northing: **5,940,731.00**

Date Completed: **30 Sep 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **59.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **320.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	740.9	Clay
20.7	729.1	Coal
21.9	727.8	Shale
24.4	725.4	Coal
36.0	713.8	Shale
36.9	712.9	Sandstone
41.5	708.3	Shale
42.7	707.1	Coal
49.4	700.4	Sandstone
55.8	694.0	Shale
57.9	691.9	Sandstone
62.5	687.3	Shale
67.1	682.7	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 05-054-27 W4M**

Well Number **02801**

Well Owner: **Bartlett, R.H.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260603**  
 Easting: **70,019.04**  
 Northing: **5,941,061.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **07 Apr 76**

pH (pH unit) <b>7.30</b>	COD	Mercury
Cond. (µS/cm) <b>780.0</b>	SAR	Nickel
TDS <b>473.0</b>	TKN	Selenium
Sodium <b>6.90</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>117.03</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>539.94</b>	Arsenic	Total Hardness <b>363.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.17</b>
Fluoride <b>0.15</b>	Chromium	Amm. Nitrogen
Iron <b>0.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>443.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 05-054-27 W4M**

Well Number **02802**

Well Owner: **Book, William A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260614**  
 Easting: **69,891.75**  
 Northing: **5,940,619.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **04 May 78**

pH (pH unit) <b>9.00</b>	COD	Mercury
Cond. (µS/cm) <b>926.0</b>	SAR	Nickel
TDS <b>540.0</b>	TKN	Selenium
Sodium <b>221.95</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>39.90</b>	DIC	Hydroxide
Bicarbonate <b>524.69</b>	Arsenic	Total Hardness <b>8.00</b>
Aluminum	Barium	Manganese
Sulphate <b>13.93</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride <b>1.10</b>	Chromium	Amm. Nitrogen
Iron <b>7.68</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>498.0</b>
Silica <b>3.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02803**

Well Owner: **Bukam, Jeannine**

Elevation (AMSL) (m): **757**

AEP: **206687**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **70,147.45**

Date Started: **18 Apr 93**

Northing: **5,940,935.50**

Date Completed: **20 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **23.8** to **24.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **25.9** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **7s4518-S2** Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): **57.9** Drawdown (m): **45.1**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	752.0	Clay & Rocks Brown
7.3	749.6	Clay Gray
9.4	747.4	Shale Brown
24.1	732.8	Shale Mixed
25.6	731.3	Shale Green
28.0	728.8	Shale
30.8	726.1	Sandstone Gray
33.2	723.7	Shale
34.8	722.1	Coal
39.6	717.3	Shale Gray
43.3	713.6	Sandstone Gray
45.7	711.2	Shale Gray
49.4	707.5	Sandstone Gray
51.2	705.7	Shale
52.7	704.2	Coal
56.1	700.8	Shale
56.7	700.2	Coal
75.0	681.9	Shale
78.0	678.9	Sandstone Gray
80.8	676.1	Shale
82.3	674.6	Sandstone Gray
85.3	671.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02804**

Well Owner: **Bureaw, Roger**

Elevation (AMSL) (m): **742**

AEP: **260615**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **70,083.38**

Date Started: **14 Sep 78**

Northing: **5,940,526.84**

Date Completed: **23 Sep 78**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **38.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **80.8**  
 Perforated How: **Torch**  
 from (m): **39.6** to **80.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	738.9	Clay & Rocks
6.7	735.3	Sand Yellow
8.5	733.5	Clay
9.4	732.5	Coal
11.0	731.0	Shale Brown
31.4	710.6	Shale Dark Gray
32.6	709.4	Coal
40.8	701.1	Shale Dark Gray
42.4	699.6	Shale Sandy Gray
54.9	687.1	Shale Sandy Gray
56.1	685.9	Coal
57.6	684.4	Shale Brown
63.4	678.6	Shale Green
64.3	677.7	Sandstone Hard
65.8	676.2	Sandstone Soft Gray
78.0	664.0	Shale
80.8	661.2	Shale Sandy Gray
105.2	636.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02805**

Well Owner: **Calaho, Joy**

Elevation (AMSL) (m): **750**

AEP: **260672**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **70,093.85**

Date Started: **09 Mar 88**

Northing: **5,940,731.00**

Date Completed: **09 Mar 88**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **450.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
8.5	741.3		Clay
16.8	733.0		Sand
19.8	730.0		Clay
24.4	725.4		Clay Sandy
27.4	722.4		Clay
33.5	716.3		Shale Sandy
45.7	704.1		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02806**

Well Owner: **Calaho, Joy**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **742**      AEP: **260673**  
 Licence No.:                              Easting: **70,083.38**  
 Date Started: **16 Mar 88**          Northing: **5,940,526.84**  
 Date Completed: **17 Mar 88**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m):                              Verified NPWL (m):  
 Abandonment: **Cuttings**                              **17 Mar 88**

**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type:  
 from (m):                              to

**Liner:**  
 Type:  
 OD (mm):                              Thickness (mm):  
 Top (m):                              Bottom (m):  
 Perforated How:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Open Hole:**  
 from (m):                              to

**Pump:**  
 Model:    Intake (m):

**Testing:**  
 Rate (lpm): **4.6**                              Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
8.5	733.5	Clay
16.8	725.2	Sand
19.8	722.2	Clay
24.4	717.6	Clay Sandy
27.4	714.6	Clay
33.5	708.5	Shale Sandy
48.8	693.2	Shale
50.3	691.7	Sandstone
52.4	689.6	Shale
55.5	686.5	Sandstone
57.3	684.7	Shale
57.6	684.4	Coal
57.9	684.1	Shale
62.5	679.5	Sandstone
63.1	678.9	Sandstone Hard
71.6	670.4	Shale
72.2	669.8	Sandstone
91.4	650.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                              Transmissivity:                              m<sup>2</sup>/day  
 Gamma Log: **No**                              Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02807**

Well Owner: **Callihoo, Joy**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **750**      AEP: **260677**  
 Licence No.:                              Easting: **70,093.85**  
 Date Started: **06 Apr 88**          Northing: **5,940,731.00**  
 Date Completed: **09 Apr 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **6.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8**      Bottom (m): **48.8**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type:  
 from (m):                  to  
**Liner:**  
 Type:  
 OD (mm):                  Thickness (mm):  
 Top (m):                  Bottom (m):  
 Perforated How:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Open Hole:**  
 from (m):                  to  
**Pump: Sub**  
 Model:                                  Intake (m):  
**Testing:**  
 Rate (lpm): **41.1**                  Time (minute): **720.0**  
 Level End (m): **36.6**              Drawdown (m): **29.9**  
 Rec'd intake (m): **42.7**              Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
8.5	741.3	Clay
11.0	738.8	Sand
13.7	736.1	Clay
14.6	735.2	Sand
15.2	734.5	Clay
29.9	719.9	Sand
31.4	718.4	Clay
32.0	717.8	Coal
32.3	717.5	Shale
32.9	716.9	Coal
40.2	709.6	Shale
42.7	707.1	Shale Sandy
43.3	706.5	Sandstone Hard
44.8	705.0	Shale Sandy
45.4	704.4	Sandstone
46.3	703.5	Shale
46.9	702.8	Coal
47.6	702.2	Shale
47.9	701.9	Coal
48.8	701.0	Shale

Laboratory: **07 Jun 88**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>850.0</b>	SAR	Nickel
TDS	<b>542.0</b>	TKN	Selenium
Sodium	<b>108.10</b>	Nitrate	Strontium
Potassium	<b>3.13</b>	Nitrite	Molybdenum
Calcium	<b>82.97</b>	TN	Vanadium
Magnesium	<b>22.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>640.61</b>	Arsenic	Total Hardness <b>298.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>9.13</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.20</b>	Chromium	Amm. Nitrogen
Iron	<b>0.99</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>526.0</b>
Silica	<b>18.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                  m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                  Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02808**

Well Owner: **Edgars, Lyn**

Elevation (AMSL) (m): **750**

AEP: **260596**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,093.85**

Date Started: **17 Oct 76**

Northing: **5,940,731.00**

Date Completed: **17 Oct 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **13.4** Bottom (m): **13.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **13.4** to **14.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **13.4** Drawdown (m): **6.4**  
 Rec'd intake (m): **13.1** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	745.2			Clay
9.1	740.6			Clay Sandy
12.8	737.0			Sand
14.6	735.2			Sand Coarse Grained
18.3	731.5			Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 05-054-27 W4M**

Well Number **02809**

Well Owner: **Fedysheh, K.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260627**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **27 Aug 79**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>799.0</b>	SAR	Nickel
TDS	<b>488.0</b>	TKN	Selenium
Sodium	<b>65.09</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>112.02</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>574.10</b>	Arsenic	Total Hardness <b>350.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>8.17</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.08</b>	Chromium	Amm. Nitrogen
Iron	<b>0.18</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>471.0</b>
Silica	<b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 05-054-27 W4M**

Well Number **02810**

Well Owner: **Fersovich, Mike**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260609**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **17.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **15 Jun 78**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>848.0</b>	SAR	Nickel
TDS <b>491.0</b>	TKN	Selenium
Sodium <b>57.96</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>105.01</b>	TN	Vanadium
Magnesium <b>20.06</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>560.68</b>	Arsenic	Total Hardness <b>346.00</b>
Aluminum	Barium	Manganese
Sulphate <b>26.90</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.97</b>
Fluoride <b>0.09</b>	Chromium	Amm. Nitrogen
Iron <b>0.99</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>460.0</b>
Silica <b>18.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02811**

Well Owner: **Francis, Henry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260623**  
 Easting: **69,806.89**  
 Northing: **5,940,691.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>17 Jan 79</b>	
pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>848.0</b>	SAR	Nickel
TDS	<b>487.0</b>	TKN	Selenium
Sodium	<b>72.91</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>94.99</b>	TN	Vanadium
Magnesium	<b>20.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>557.63</b>	Arsenic	Total Hardness <b>317.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>21.13</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.28</b>	Chromium	Amm. Nitrogen
Iron	<b>0.27</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>458.0</b>
Silica	<b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02812**

Well Owner: **Francis, Henry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260598**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **25.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **28 Jun 77**

pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>920.0</b>	SAR	Nickel
TDS	<b>541.0</b>	TKN	Selenium
Sodium	<b>89.93</b>	Nitrate	Strontium
Potassium	<b>3.13</b>	Nitrite	Molybdenum
Calcium	<b>111.02</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>604.00</b>	Arsenic	Total Hardness <b>346.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>23.05</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.05</b>
Fluoride	<b>0.18</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>495.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02813**

Well Owner: **Funk, Irvin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **160802**  
 Easting: **70,213.32**  
 Northing: **5,940,942.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02814**

Well Owner: **Galloway**

Elevation (AMSL) (m): **750**

AEP: **260538**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started: **29 Mar 76**

Northing: **5,940,731.00**

Date Completed: **30 Mar 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **89.6** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **89.6**  
 Perforated How: **Unknown**  
 from (m): **64.0** to **89.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **89.6**

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **86.0** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	745.2	Clay Brown
7.0	742.8	Clay Blue
10.7	739.1	Shale Brown
25.6	724.2	Sandstone Soft Gray
33.5	716.3	Shale Hard Gray
36.6	713.2	Shale Brown
42.7	707.1	Shale Gray
44.2	705.6	Coal
51.8	698.0	Shale Gray
64.0	685.8	Shale Brown
89.6	660.2	Shale Gray

Laboratory:		<b>01 Sep 76</b>	
pH (pH unit)	<b>8.90</b>	COD	Mercury
Cond. (µS/cm)	<b>880.0</b>	SAR	Nickel
TDS	<b>542.0</b>	TKN	Selenium
Sodium	<b>220.11</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>21.00</b>	DIC	Hydroxide
Bicarbonate	<b>580.21</b>	Arsenic	Total Hardness <b>7.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride	<b>3.08</b>	Chromium	Amm. Nitrogen
Iron	<b>1.80</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>511.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02815**

Well Owner: **Griffin, Mery**

Elevation (AMSL) (m): **750**

AEP: **260540**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **70,093.85**

Date Started: **11 Nov 76**

Northing: **5,940,731.00**

Date Completed: **13 Nov 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **57.9**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **80.8**  
 Perforated How: **Torch**  
 from (m): **58.2** to **80.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	743.1	Clay & Rocks Brown
10.7	739.1	Clay & Rocks Blue
23.5	726.3	Shale
24.1	725.7	Coal
33.5	716.3	Shale Brown
36.0	713.8	Shale Gray
40.2	709.6	Sandstone Soft Gray
40.5	709.2	Coal
41.5	708.3	Shale Brown
41.8	708.0	Coal
45.7	704.1	Shale Brown
50.3	699.5	Sandstone Soft Gray
53.6	696.1	Shale Green
57.6	692.2	Shale Gray
58.2	691.6	Sandstone Hard
58.8	691.0	Sandstone Soft Gray
59.7	690.0	Shale Gray
67.4	682.4	Sandstone Soft Gray
68.0	681.8	Sandstone Hard
75.0	674.8	Sandstone Soft Gray
75.3	674.5	Sandstone Hard
77.7	672.1	Shale Gray
78.0	671.8	Sandstone Hard
80.8	669.0	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02816**

Well Owner: **Gust, Bill**

Elevation (AMSL) (m): **754**

AEP: **260601**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **70,094.97**

Date Started: **20 May 75**

Northing: **5,941,068.00**

Date Completed: **24 May 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.8** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **38.1** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **35.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	748.1	Clay & Coal Oxidized
12.2	742.0	Sandstone Bentonitic
53.3	700.9	Till
58.8	695.4	Sandstone & Coal

<b>Laboratory:</b>			<b>22 Apr 77</b>
pH (pH unit)	<b>9.00</b>	COD	Mercury
Cond. (µS/cm)	<b>875.0</b>	SAR	Nickel
TDS	<b>517.0</b>	TKN	Selenium
Sodium	<b>213.90</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>7.01</b>	TN	Vanadium
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate	<b>32.10</b>	DIC	Hydroxide
Bicarbonate	<b>508.21</b>	Arsenic	Total Hardness <b>23.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>2.22</b>	Chromium	Amm. Nitrogen
Iron	<b>0.79</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>470.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02817**

Well Owner: **Gust, Bill**

Elevation (AMSL) (m): **755**

AEP: **260636**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **70,098.31**

Date Started: **21 Mar 79**

Northing: **5,941,061.50**

Date Completed: **21 Mar 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	744.0	Clay Sandy
19.8	734.9	Bedrock
20.7	734.0	Coal
29.9	724.8	Shale
32.0	722.7	Sandstone
56.4	698.3	Shale
57.9	696.8	Sandstone & Coal
82.3	672.4	Shale
84.7	670.0	Sandstone
109.7	645.0	Shale Mixed

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 05-054-27 W4M**

Well Number **02818**

Well Owner: **Henry, L.J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260628**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **16.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Sep 80**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>852.0</b>	SAR	Nickel
TDS <b>495.0</b>	TKN	Selenium
Sodium <b>59.11</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>109.02</b>	TN	Vanadium
Magnesium <b>20.06</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>564.95</b>	Arsenic	Total Hardness <b>355.00</b>
Aluminum	Barium	Manganese
Sulphate <b>24.98</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.10</b>	Chromium	Amm. Nitrogen
Iron <b>3.78</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>463.0</b>
Silica <b>18.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02819**

Well Owner: **Kard, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260589**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Feb 76**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>970.0</b>	SAR	Nickel
TDS	<b>620.0</b>	TKN	Selenium
Sodium	<b>112.93</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>80.96</b>	TN	Vanadium
Magnesium	<b>21.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>591.19</b>	Arsenic	Total Hardness <b>288.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>110.95</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.89</b>
Fluoride	<b>0.20</b>	Chromium	Amm. Nitrogen
Iron	<b>0.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>485.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02820**

Well Owner: **Lewis, Gordon**

Elevation (AMSL) (m): **750**

AEP: **260633**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started: **16 Oct 80**

Northing: **5,940,731.00**

Date Completed: **18 Oct 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **27.7** to **29.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	740.0	Clay Yellow
10.7	739.1	Clay Blue
14.9	734.9	Shale Greenish Gray
30.2	719.6	See Comments
33.2	716.6	Shale Sandy Gray

Laboratory:		<b>07 Nov 80</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>965.0</b>	SAR	Nickel
TDS	<b>557.0</b>	TKN	Selenium
Sodium	<b>109.94</b>	Nitrate	Strontium
Potassium	<b>3.13</b>	Nitrite	Molybdenum
Calcium	<b>84.97</b>	TN	Vanadium
Magnesium	<b>18.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>643.05</b>	Arsenic	Total Hardness <b>286.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>21.13</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.14</b>	Chromium	Amm. Nitrogen
Iron	<b>1.66</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>527.0</b>
Silica	<b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02821**

Well Owner: **Macpherson, Dan**

Elevation (AMSL) (m): **742**

AEP: **260643**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **70,083.38**

Date Started: **26 Apr 83**

Northing: **5,940,526.84**

Date Completed: **29 Apr 83**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **108.0** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **660.0**  
 Level End (m): **54.9** Drawdown (m): **32.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	732.8	Clay & Rocks
19.8	722.2	Silt Sandy
23.8	718.2	Sand
29.0	713.0	Shale Sandy Gray
42.7	699.3	Shale Brownish Gray
43.0	699.0	Coal
49.7	692.3	Shale Brownish Gray
50.3	691.7	Coal
57.6	684.4	Shale Greenish Gray
64.6	677.4	Shale Soft Green
74.7	667.3	Shale Greenish Gray
79.2	662.7	Shale Sandy Gray
82.9	659.1	Coal
88.1	653.9	Shale Brown
91.4	650.5	Shale Sandy Gray

Laboratory: **24 May 83**

pH (pH unit)	<b>9.00</b>	COD	Mercury
Cond. (µS/cm)	<b>1001</b>	SAR	Nickel
TDS	<b>608.0</b>	TKN	Selenium
Sodium	<b>264.96</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>36.90</b>	DIC	Hydroxide
Bicarbonate	<b>582.65</b>	Arsenic	Total Hardness <b>8.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>7.20</b>	Beryllium	Phosphate
Chloride	<b>8.15</b>	Cadium	Ion Balance <b>1.04</b>
Fluoride	<b>2.76</b>	Chromium	Amm. Nitrogen
Iron	<b>1.24</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>540.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02822**

Well Owner: **Marshall, Lloyd**

Elevation (AMSL) (m): **750**

AEP: **260678**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **70,093.85**

Date Started: **29 Mar 89**

Northing: **5,940,731.00**

Date Completed: **29 Mar 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **13.7** to **15.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **18.0** to **19.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **6.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	744.3	Clay Sandy Yellow
10.4	739.4	Clay Sandy Blue
11.9	737.9	Sand Silty
15.5	734.2	Clay Sandy Blue
19.5	730.3	Sand
21.3	728.5	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02823**

Well Owner: **Martens, Henry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260590**  
 Easting: **70,360.71**  
 Northing: **5,941,074.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **22 Feb 77**

pH (pH unit) <b>7.60</b>	COD	Mercury
Cond. (µS/cm) <b>775.0</b>	SAR	Nickel
TDS <b>485.0</b>	TKN	Selenium
Sodium <b>74.06</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>99.00</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>571.05</b>	Arsenic	Total Hardness <b>317.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.05</b>	Chromium	Amm. Nitrogen
Iron <b>1.53</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>468.0</b>
Silica <b>16.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02824**

Well Owner: **Mcnall, Mariliyn/Clark**

Elevation (AMSL) (m): **750**

AEP: **260638**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started: **06 Oct 85**

Northing: **5,940,731.00**

Date Completed: **11 Oct 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **91.4**  
 Perforated How: **Unknown**  
 from (m): **42.7** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **88.4** Drawdown (m): **74.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.9	741.9	Clay
11.3	738.5	Sandstone
17.4	732.4	Shale
19.8	730.0	Sandstone
23.2	726.6	Shale
24.1	725.7	Sandstone
30.2	719.6	Shale
31.4	718.4	Coal
38.1	711.7	Shale
39.0	710.8	Sandstone
40.2	709.6	Shale
47.2	702.5	Sandstone
47.9	701.9	Coal
54.0	695.8	Shale
57.9	691.9	Sandstone
70.1	679.7	Shale
71.6	678.2	Sandstone
75.6	674.2	Shale
76.5	673.3	Sandstone
89.3	660.5	Shale
89.9	659.9	Coal
91.4	658.3	Shale

Laboratory: **30 Oct 85**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>988.0</b>	SAR	Nickel
TDS	<b>590.0</b>	TKN	Selenium
Sodium	<b>218.96</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>27.05</b>	TN	Vanadium
Magnesium	<b>5.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>611.93</b>	Arsenic	Total Hardness <b>90.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>30.84</b>	Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>1.99</b>	Chromium	Amm. Nitrogen
Iron	<b>0.08</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>502.0</b>
Silica	<b>10.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02825**

Well Owner: **Miller, Art**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **750**      AEP: **260548**  
 Licence No.:                              Easting: **70,093.85**  
 Date Started:                              Northing: **5,940,731.00**  
 Date Completed: **01 May 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **3.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **33.8**      Bottom (m): **33.8**  
 OD (mm): **101.6**      Thickness (mm):  
 Seal Type: **Loose**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **33.8**      to **35.0**      Size: **0.07**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **8.0**      Time (minute): **180.0**  
 Level End (m): **28.0**      Drawdown (m): **24.4**  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	745.2	Sand Brown
24.4	725.4	Clay Gray
33.5	716.3	Clay Blue
35.0	714.7	Sand & Coal Light

<b>Laboratory:</b>			<b>20 Feb 75</b>
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>820.0</b>	SAR	Nickel
TDS	<b>489.0</b>	TKN	Selenium
Sodium	<b>120.98</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>58.92</b>	TN	Vanadium
Magnesium	<b>11.07</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>535.06</b>	Arsenic	Total Hardness <b>195.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.98</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.19</b>	Chromium	Amm. Nitrogen
Iron	<b>1.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>439.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 05-054-27 W4M**

Well Number **02826**

Well Owner: **Rivett**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260645**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Jun 84**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1082</b>	SAR	Nickel
TDS <b>656.0</b>	TKN	Selenium
Sodium <b>239.89</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium <b>25.05</b>	TN	Vanadium
Magnesium <b>4.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>740.05</b>	Arsenic	Total Hardness <b>83.00</b>
Aluminum	Barium	Manganese
Sulphate <b>17.77</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>1.42</b>	Chromium	Amm. Nitrogen
Iron <b>0.08</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>607.0</b>
Silica <b>9.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02827**

Well Owner: **Roberts, Gene**

Elevation (AMSL) (m): **738**

AEP: **260604**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,249.05**

Date Started: **05 Mar 76**

Northing: **5,940,501.00**

Date Completed: **08 Mar 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.6** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **13.7** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **43.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
6.7	731.2	Clay & Sandstone Yellow
10.7	727.3	Clay Blue
12.2	725.7	Shale Gray
15.2	722.7	Shale Sandy Gray
19.5	718.4	Shale Brittle Gray
21.3	716.6	Shale Sandy Gray
23.5	714.5	Shale Gray
25.9	712.0	Coal
28.0	709.9	Shale Brown
29.6	708.4	Shale Sandy Gray
30.8	707.1	Till Gray
31.4	706.5	Coal
39.0	698.9	Shale Greenish Gray
44.2	693.7	Shale Green
46.9	691.0	Shale Gray
48.8	689.2	Shale Green
53.0	684.9	Shale Sandy Gray
54.9	683.1	Shale Green
57.6	680.3	Shale Brown
59.7	678.2	Shale Sandy Gray
62.5	675.4	Shale Green
70.7	667.2	Shale Sandy Gray
73.2	664.8	Shale Water Bearing Green
80.8	657.2	Shale Dark Gray
82.6	655.3	Sandstone

Laboratory: **13 Apr 76**

pH (pH unit)	<b>8.70</b>	COD	Mercury
Cond. (µS/cm)	<b>850.0</b>	SAR	Nickel
TDS	<b>594.0</b>	TKN	Selenium
Sodium	<b>221.03</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>14.03</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>18.00</b>	DIC	Hydroxide
Bicarbonate	<b>600.95</b>	Arsenic	Total Hardness <b>36.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>29.78</b>	Beryllium	Phosphate
Chloride	<b>13.83</b>	Cadium	Ion Balance <b>0.89</b>
Fluoride	<b>2.40</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>523.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02828**

Well Owner: **Shiloff, Mike**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260649**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>11 Sep 85</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1050</b>	SAR	Nickel
TDS	<b>659.0</b>	TKN	Selenium
Sodium	<b>275.08</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>8.10</b>	DIC	Hydroxide
Bicarbonate	<b>674.77</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>36.16</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>2.85</b>	Chromium	Amm. Nitrogen
Iron	<b>0.76</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>568.0</b>
Silica	<b>7.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02829**

Well Owner: **Shirliff, Lawrence C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **166681**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02830**

Well Owner: **Shoner, Terry**

Elevation (AMSL) (m): **750**

AEP: **260610**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,093.85**

Date Started: **18 Apr 77**

Northing: **5,940,731.00**

Date Completed: **19 Apr 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **54.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	743.1	Clay
11.3	738.5	Shale
11.9	737.9	Sandstone
23.8	726.0	Shale
25.6	724.2	Coal
30.2	719.6	Shale
31.7	718.1	Sandstone
35.4	714.4	Shale
36.6	713.2	Coal
42.7	707.1	Shale
43.9	705.9	Sandstone
47.2	702.5	Shale
50.0	699.8	Sandstone
51.8	698.0	Shale
52.4	697.4	Coal
53.3	696.4	Shale
56.4	693.4	Sandstone
57.9	691.9	Shale
59.1	690.7	Sandstone
62.2	687.6	Shale
67.1	682.7	Sandstone
83.8	666.0	Shale
85.0	664.7	Coal
86.9	662.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02831**

Well Owner: **Siemans, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161745**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02832**

Well Owner: **Sierpinski, L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260651**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02833**

Well Owner: **Smelski, Tom**

Elevation (AMSL) (m): **750**

AEP: **260654**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started: **05 Sep 86**

Northing: **5,940,731.00**

Date Completed: **05 Sep 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **18.6** to **20.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.1	739.7	Clay Yellow
12.5	737.3	Sand Well Sorted Yellow
23.2	726.6	Clay Soft Blue
24.1	725.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 05-054-27 W4M**

Well Number **02834**

Well Owner: **St. Pierce, G.**

Elevation (AMSL) (m): **750**

AEP: **260591**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,093.85**

Date Started: **20 Mar 76**

Northing: **5,940,731.00**

Date Completed: **20 Mar 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **12.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	747.7	Clay Yellow
12.2	737.6	Clay
21.0	728.8	Sandstone
22.3	727.5	Coal
22.9	726.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02835**

Well Owner: **Stewart, John**

Elevation (AMSL) (m): **750**

AEP: **260664**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started:

Northing: **5,940,731.00**

Date Completed: **03 Oct 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **16.1** Bottom (m): **16.1**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **16.1** to **17.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **14.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	743.7			Clay Yellow
12.2	737.6			Clay Blue
17.7	732.1			Sand & Coal
21.3	728.5			Clay Blue
22.9	726.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 05-054-27 W4M**

Well Number **02836**

Well Owner: **Stewart, John**

Elevation (AMSL) (m): **750**

AEP: **260667**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started:

Northing: **5,940,731.00**

Date Completed: **04 Oct 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **16.5** to **17.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **14.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.8	740.0			Clay Yellow
13.1	736.7			Sand
13.7	736.1			Clay Yellow
17.7	732.1			Sand & Coal
19.8	730.0			Clay Blue
21.3	728.5			Shale Light Green
22.9	726.9			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 05-054-27 W4M**

Well Number **02837**

Well Owner: **Stewart, John**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed: **11 Oct 73**  
 AEP: **260659**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **27.4** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **18.3** to **19.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Mcdougall** Intake (m):  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **13.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	740.6	Clay Yellow
10.7	739.1	Sand
13.7	736.1	Clay Blue
21.3	728.5	Sand & Coal
22.9	726.9	Clay Blue
25.9	723.9	Shale Green
27.4	722.4	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02838**

Well Owner: **Stosky, Alexander**

Elevation (AMSL) (m): **750**

AEP: **260631**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **70,093.85**

Date Started: **21 Oct 80**

Northing: **5,940,731.00**

Date Completed: **22 Oct 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **17.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **36.9**  
 Perforated How: **Torch**  
 from (m): **17.7** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	740.6	Clay Yellow
15.5	734.2	Shale Brittle
18.3	731.5	Shale Green
22.6	727.2	Shale Sandy Gray
24.4	725.4	Sand Coarse Grained
26.2	723.6	Coal
30.2	719.6	Shale Greenish Gray
33.5	716.3	Shale Sandy Gray
36.3	713.5	Shale Dark Gray
37.8	712.0	Shale Green

Laboratory: **21 Nov 80**

pH (pH unit)	<b>8.30</b>	COD	Mercury
Cond. (µS/cm)	<b>855.0</b>	SAR	Nickel
TDS	<b>487.0</b>	TKN	Selenium
Sodium	<b>62.10</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>95.99</b>	TN	Vanadium
Magnesium	<b>18.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>597.90</b>	Arsenic	Total Hardness <b>318.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>12.97</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.90</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>1.65</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>490.0</b>
Silica	<b>14.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02839**

Well Owner: **Sundquist, Stan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260545**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **16 Jun 76**

pH (pH unit) <b>8.70</b>	COD	Mercury
Cond. (µS/cm) <b>920.0</b>	SAR	Nickel
TDS <b>590.0</b>	TKN	Selenium
Sodium <b>250.01</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>6.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>17.10</b>	DIC	Hydroxide
Bicarbonate <b>619.86</b>	Arsenic	Total Hardness <b>15.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>2.37</b>	Chromium	Amm. Nitrogen
Iron <b>0.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>537.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02840**

Well Owner: **Syndroski, Ron**

Elevation (AMSL) (m): **750**

AEP: **260625**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **70,093.85**

Date Started: **20 Aug 79**

Northing: **5,940,731.00**

Date Completed: **01 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **8.8** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **7.3** Bottom (m): **7.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **7.3** to **8.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **7.3** Drawdown (m): **2.4**  
 Rec'd intake (m): **7.3** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	748.0	Clay Brown
7.3	742.5	Sand & Gravel Coarse Grained
8.5	741.3	Gravel
8.8	740.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-27 W4M**

Well Number **02841**

Well Owner: **Ungarian, Jerry**

Elevation (AMSL) (m): **746**

AEP: **264129**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,841.50**

Date Started: **27 May 74**

Northing: **5,940,673.00**

Date Completed: **28 May 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **19.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **18.3** to **19.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **470.0**  
 Level End (m): **12.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	739.5	Clay Yellow
16.5	729.1	Clay Blue
19.8	725.8	Sand & Coal
21.3	724.3	Clay Blue
22.9	722.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 05-054-27 W4M**

Well Number **02842**

Well Owner: **Whitford, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260648**  
 Easting: **70,093.85**  
 Northing: **5,940,731.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **02 Nov 84**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>830.0</b>	SAR	Nickel
TDS	<b>511.0</b>	TKN	Selenium
Sodium	<b>13.11</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>68.94</b>	TN	Vanadium
Magnesium	<b>13.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.17</b>	Arsenic	Total Hardness <b>226.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>22.09</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.08</b>	Chromium	Amm. Nitrogen
Iron	<b>2.35</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>465.0</b>
Silica	<b>11.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-27 W4M**

Well Number **02843**

Well Owner: **Wrigley, James**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **264136**  
 Easting: **70,159.73**  
 Northing: **5,940,494.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **07 May 81**

pH (pH unit)	<b>8.20</b>	COD		Mercury
Cond. (µS/cm)	<b>2260</b>	SAR		Nickel
TDS	<b>1242</b>	TKN	<b>0.02</b>	Selenium
Sodium	<b>425.96</b>	Nitrate		Strontium
Potassium	<b>8.21</b>	Nitrite		Molybdenum
Calcium	<b>16.03</b>	TN		Vanadium
Magnesium	<b>24.08</b>	TC		Zinc
Carbonate		DIC		Hydroxide
Bicarbonate	<b>456.96</b>	Arsenic		Total Hardness <b>137.00</b>
Aluminum		Barium		Manganese
Sulphate	<b>64.84</b>	Beryllium		Phosphate
Chloride	<b>477.16</b>	Cadium		Ion Balance <b>0.96</b>
Fluoride	<b>0.30</b>	Chromium		Amm. Nitrogen
Iron	<b>0.08</b>	Cobalt		Total Phosphate
TOC		Copper		Total Alkalinity <b>375.0</b>
Silica	<b>16.60</b>	Lead		Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02844**

Well Owner: **Armitage, Del**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **747**                      AEP: **260686**  
 Licence No.:    Easting: **69,528.40**  
 Date Started: **14 Jun 76**                      Northing: **5,940,388.00**  
 Date Completed: **16 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **22.3**                      Bottom (m): **22.3**  
 OD (mm): **114.3**                      Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m):                      to **22.3**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **22.3**                      to **23.5**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m): **15.2**  
**Testing:**  
 Rate (lpm): **9.1**                      Time (minute): **420.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	732.4	Clay Yellow
24.7	722.1	Sand
26.5	720.2	Clay Blue
36.6	710.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02845**

Well Owner: **Brand, Jerry**

Elevation (AMSL) (m): **746**

AEP: **153163**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,278.15**

Date Started: **27 Aug 90**

Northing: **5,940,684.50**

Date Completed: **27 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.5** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **32.0** to **33.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **11.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	740.3			Clay
9.8	736.0			Clay Sandy
25.6	720.2			Sand Silty
33.5	712.2			Sand
35.0	710.7			Clay Sandy
39.6	706.1			Sand Fine Grained
41.2	704.6			Clay
41.5	704.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02846**

Well Owner: **Char Muir Ltd**

Elevation (AMSL) (m): **746**

AEP: **224178**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **30 Sep 93**

Northing: **5,940,684.50**

Date Completed: **01 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **16.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **29.6** to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **38.7** to **40.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **1.2**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.8	733.0	Sand Brown
14.6	731.1	Sand Coarse Grained Brown
28.0	717.7	Sand Silty Gray
41.2	704.6	Sand Gray
42.7	703.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02847**

Well Owner: **Chartrand, Leo**

Elevation (AMSL) (m): **746**

AEP: **260696**

Drilling Contractor: *Elliott Drlg*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed: **24 Oct 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.1** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **108.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **39.9** to **41.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute):  
 Level End (m): **19.2** Drawdown (m): **0.9**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	739.7	Clay Brown
22.9	722.9	Sand Brown
25.9	719.9	Sand Blue
39.6	706.1	Sand Fine Grained Blue
41.2	704.6	Sand Coarse Grained Light Blue
42.1	703.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02848**

Well Owner: **Cramp, Brian**

Elevation (AMSL) (m): **747**

AEP: **223912**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,317.13**

Date Started: **09 Dec 93**

Northing: **5,940,751.50**

Date Completed: **10 Dec 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **30.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.8** to **35.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **23.8**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **1.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.2	735.1	Clay Yellow
25.9	721.4	Sand & Coal
27.4	719.9	Clay Yellow
33.5	713.8	Sand & Coal
36.0	711.4	Clay Soft Blue
36.6	710.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02849**

Well Owner: **David, Jim & Audrey**

Elevation (AMSL) (m): **746**

AEP: **260716**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 05-054-27 W4M**

Well Number **02850**

Well Owner: **De Neve, Dan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260717**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Jan 84**

pH (pH unit) <b>8.80</b>	COD	Mercury
Cond. (µS/cm) <b>1138</b>	SAR	Nickel
TDS <b>698.0</b>	TKN	Selenium
Sodium <b>284.97</b>	Nitrate	Strontium
Potassium <b>7.82</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>27.00</b>	DIC	Hydroxide
Bicarbonate <b>697.95</b>	Arsenic	Total Hardness <b>17.00</b>
Aluminum	Barium	Manganese
Sulphate <b>26.90</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.50</b>	Chromium	Amm. Nitrogen
Iron <b>0.19</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>618.0</b>
Silica <b>10.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02851**

Well Owner: **Denis, Bill**

Elevation (AMSL) (m): **746**

AEP: **260689**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed: **31 Aug 70**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Cribbing**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **508.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	742.1	Clay Brown
16.8	729.0	Sand Dry
20.7	725.0	Sand Wet Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02852**

Well Owner: **Denis, Bill**

Elevation (AMSL) (m): **746**

AEP: **260710**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **07 Nov 79**

Northing: **5,940,684.50**

Date Completed: **08 Nov 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **39.3** Bottom (m): **39.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **39.3** to **40.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	741.2			Clay
24.4	721.4			Sand Silty Brown
38.7	707.1			Clay Silty Gray
39.3	706.4			Sand Fine Grained White
40.8	704.9			Sand Coarse Grained
42.7	703.1			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02853**

Well Owner: **Edmunds, James**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260684**  
 Easting: **69,271.31**  
 Northing: **5,940,510.28**

**General:**  
 Type of Work: **Cathodic Protection**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>01 Aug 72</b>	
pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>580.0</b>	SAR	Nickel
TDS	<b>552.0</b>	TKN	<b>0.01</b>
Sodium	<b>9.89</b>	Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>87.98</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>346.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.46</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>349.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02854**

Well Owner: **Elliott, Doug**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260714**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **39.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **30 Sep 81**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>779.0</b>	SAR	Nickel
TDS <b>469.0</b>	TKN	Selenium
Sodium <b>187.91</b>	Nitrate	Strontium
Potassium <b>0.39</b>	Nitrite	Molybdenum
Calcium <b>3.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>496.62</b>	Arsenic	Total Hardness <b>10.00</b>
Aluminum	Barium	Manganese
Sulphate <b>31.22</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>0.26</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>408.0</b>
Silica <b>17.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02855**

Well Owner: **Fleming, Jonh**

Elevation (AMSL) (m): **750**

AEP: **260725**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,387.55**

Date Started: **05 Jun 86**

Northing: **5,940,635.50**

Date Completed: **06 Jun 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **32.0** to **33.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **10.7**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	744.3	Clay Brown
10.4	739.5	Clay & Sand Sandy
18.9	730.9	Sand & Clay Stringers
33.5	716.3	Sand
35.0	714.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02856**

Well Owner: **Godin, Joe**

Elevation (AMSL) (m): **750**

AEP: **260718**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,092.03**

Date Started: **05 Nov 75**

Northing: **5,940,644.50**

Date Completed: **06 Nov 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Loose**  
 from (m): to **38.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **38.4** to **39.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **25.9** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	731.3			Clay Yellow
25.9	723.7			Sand & Coal
31.1	718.5			Clay Yellow
35.0	714.6			Sand & Coal
36.6	713.1			Clay Blue
40.2	709.4			Sand & Coal
42.7	707.0			Clay Blue
44.2	705.4			Shale Green
45.7	703.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02857**

Well Owner: **Kvill, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **747**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260712**  
 Easting: **69,527.14**  
 Northing: **5,940,530.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **01 Aug 80**

pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>965.0</b>	SAR	Nickel
TDS	<b>594.0</b>	TKN	Selenium
Sodium	<b>226.09</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>18.04</b>	TN	Vanadium
Magnesium	<b>3.04</b>	TC	Zinc
Carbonate	<b>11.10</b>	DIC	Hydroxide
Bicarbonate	<b>591.80</b>	Arsenic	Total Hardness <b>58.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>41.79</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.18</b>	Chromium	Amm. Nitrogen
Iron	<b>0.03</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>504.0</b>
Silica	<b>10.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 05-054-27 W4M**

Well Number **02858**

Well Owner: **Laukien, B.**  
 Drilling Contractor: *Kielbauch Drlg*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed: **17 Sep 71**  
 AEP: **260679**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Sta-Rite** Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): **21.3** Drawdown (m): **9.1**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
12.2	733.6	Clay
18.3	727.5	Sand Soft
24.4	721.4	Clay
30.5	715.3	Sand Soft
36.6	709.2	Shale
42.7	703.1	Clay
48.8	697.0	Sandstone Soft
54.9	690.9	Clay
61.0	684.8	Coal
67.1	678.7	Sandstone
73.2	672.6	Sand

Laboratory: **08 Apr 83**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>1109</b>	SAR	Nickel
TDS	<b>646.0</b>	TKN	Selenium
Sodium	<b>258.06</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>6.90</b>	DIC	Hydroxide
Bicarbonate	<b>719.92</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>20.17</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>1.04</b>	Chromium	Amm. Nitrogen
Iron	<b>0.13</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>9.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02859**

Well Owner: **Mccullough, Calvin**

Elevation (AMSL) (m): **746**

AEP: **282088**

Licence No.:

Easting: **69,278.15**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,940,684.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>24 May 73</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>700.0</b>	SAR	Nickel
TDS	<b>500.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>91.98</b>	TN	Vanadium
Magnesium	<b>18.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>232.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>40.83</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>253.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02860**

Well Owner: **Morrison, L.W.**

Elevation (AMSL) (m): **747**

AEP: **260680**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **69,105.87**

Date Started: **03 Oct 77**

Northing: **5,940,698.50**

Date Completed: **04 Oct 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.3**  
 from (m): **33.5** to **39.6** Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **360.0**  
 Level End (m): **38.1** Drawdown (m): **19.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	740.4	Clay Sandy Brown
18.3	728.8	Clay Sandy Blue
37.2	709.9	Sandstone Soft
38.7	708.4	Coal
41.2	706.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02861**

Well Owner: **Odegard, G.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260682**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **24 Oct 75**

pH (pH unit)	<b>7.20</b>	COD	Mercury
Cond. (µS/cm)	<b>750.0</b>	SAR	Nickel
TDS	<b>442.0</b>	TKN	Selenium
Sodium	<b>11.04</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>119.04</b>	TN	Vanadium
Magnesium	<b>24.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>577.15</b>	Arsenic	Total Hardness <b>397.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.90</b>
Fluoride	<b>0.40</b>	Chromium	Amm. Nitrogen
Iron	<b>1.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>473.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02862**

Well Owner: **Otto, Vern**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **282089**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **14 Jul 81**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>538.0</b>	SAR	Nickel
TDS <b>277.0</b>	TKN	Selenium
Sodium <b>28.06</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>41.08</b>	TN	Vanadium
Magnesium <b>22.01</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>352.03</b>	Arsenic	Total Hardness <b>194.00</b>
Aluminum	Barium	Manganese
Sulphate <b>8.17</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.87</b>
Fluoride <b>0.22</b>	Chromium	Amm. Nitrogen
Iron <b>12.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>289.0</b>
Silica <b>18.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02863**

Well Owner: **Pasheka, M.**

Elevation (AMSL) (m): **746**

AEP: **242364**

Licence No.:

Easting: **69,278.15**

Drilling Contractor: *Big Iron Drilling Ltd.*

Date Started: **30 Apr 74**

Northing: **5,940,684.50**

Date Completed: **02 May 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **57.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **51.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **49.4**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	742.7	Silt Black
12.2	733.6	Clay & Sand
30.5	715.3	Clay & Coal Sandy
43.3	702.5	Shale & Coal Sandy
44.8	701.0	Shale Gray
46.6	699.1	Shale Brown
49.7	696.1	Sandstone
54.9	690.9	Shale & Coal Gray
55.5	690.3	Coal
57.9	687.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02864**

Well Owner: **Paul, Ray**

Elevation (AMSL) (m): **746**

AEP: **260708**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **18 Apr 78**

Northing: **5,940,684.50**

Date Completed: **19 Apr 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Torch**  
 from (m): **51.8** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **60.0**  
 Level End (m): **61.0** Drawdown (m): **53.3**  
 Rec'd intake (m): **55.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.6	727.2	Clay & Rocks
29.0	716.8	Sand & Coal
33.5	712.2	Clay
36.6	709.2	Shale Gray
39.6	706.1	Shale Brown
45.7	700.0	Shale Gray
51.8	694.0	Shale & Coal Brown
59.4	686.3	Shale Gray
60.0	685.7	Sandstone Hard
61.0	684.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02865**

Well Owner: **Pazder, Ron**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **749**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **156830**  
 Easting: **68,983.88**  
 Northing: **5,940,589.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 05-054-27 W4M**

Well Number **02866**

Well Owner: **Pearce, Donald W.**

Elevation (AMSL) (m): **746**

AEP: **260715**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>26 May 81</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>743.0</b>	SAR	Nickel
TDS	<b>398.0</b>	TKN	Selenium
Sodium	<b>37.03</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>79.96</b>	TN	Vanadium
Magnesium	<b>22.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>486.86</b>	Arsenic	Total Hardness <b>291.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>14.89</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.90</b>
Fluoride	<b>0.20</b>	Chromium	Amm. Nitrogen
Iron	<b>2.71</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>400.0</b>
Silica	<b>18.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02867**

Well Owner: **Raekie, Don**

Elevation (AMSL) (m): **749**

AEP: **260723**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **69,377.49**

Date Started: **14 Apr 86**

Northing: **5,940,442.00**

Date Completed: **15 Apr 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **27.1** to **28.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **25.9** Drawdown (m): **10.7**  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	741.5	Clay & Rocks
10.7	738.4	Clay
22.9	726.2	Sand & Coal Water Bearing
27.4	721.7	Till & Rocks
28.7	720.4	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02868**

Well Owner: **Riczu, Michael**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260687**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Jun 75**

pH (pH unit) <b>7.20</b>	COD	Mercury
Cond. (µS/cm) <b>540.0</b>	SAR	Nickel
TDS <b>286.0</b>	TKN	Selenium
Sodium <b>5.98</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>70.94</b>	TN	Vanadium
Magnesium <b>24.08</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>358.13</b>	Arsenic	Total Hardness <b>277.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.26</b>	Chromium	Amm. Nitrogen
Iron <b>10.30</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>293.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02869**

Well Owner: **Rorison, W.C.**

Elevation (AMSL) (m): **746**

AEP: **260691**

Drilling Contractor: *Elliott Drlg*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed: **25 Jul 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.1** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **108.0** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **40.8** to **42.1** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **38.4** Drawdown (m): **19.2**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	739.7	Clay Brown
20.7	725.0	Sand Brown
23.2	722.6	Sand Coarse Grained Brown
29.0	716.8	Sand Fine Grained Brown
32.0	713.8	Sand Coarse Grained Brown
36.6	709.2	Sand Fine Grained Blue
38.1	707.7	Sand Coarse Grained Brown
42.1	703.7	Sand Coarse Grained Blue
45.1	700.7	Shale Blue

Laboratory:		<b>07 Jan 74</b>	
pH (pH unit)	<b>7.10</b>	COD	Mercury
Cond. (µS/cm)	<b>800.0</b>	SAR	Nickel
TDS	<b>431.0</b>	TKN	Selenium
Sodium	<b>25.07</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>96.99</b>	TN	Vanadium
Magnesium	<b>26.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>477.10</b>	Arsenic	Total Hardness <b>349.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>14.89</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.30</b>	Chromium	Amm. Nitrogen
Iron	<b>24.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>391.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02870**

Well Owner: **Skett, George**

Elevation (AMSL) (m): **746**

AEP: **260732**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **01 Jul 89**

Northing: **5,940,684.50**

Date Completed: **04 Jul 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.5** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **44.8**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **55.5**  
 Perforated How: **Machine**  
 from (m): **45.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jacuzzi**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **29.0**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
18.9	726.9	Clay
41.2	704.6	Sand
45.7	700.0	Shale
47.2	698.5	Sandstone
49.1	696.7	Shale
51.8	694.0	Sandstone
54.0	691.8	Shale
54.3	691.5	Coal
55.5	690.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02871**

Well Owner: **Stewart, B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260683**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>20 Oct 75</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>675.0</b>	SAR	Nickel
TDS	<b>315.0</b>	TKN	Selenium
Sodium	<b>3.91</b>	Nitrate	Strontium
Potassium	<b>4.30</b>	Nitrite	Molybdenum
Calcium	<b>27.05</b>	TN	Vanadium
Magnesium	<b>29.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>455.13</b>	Arsenic	Total Hardness <b>188.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>22.09</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance
Fluoride	<b>0.32</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>373.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02872**

Well Owner: **Swan, Jim R.**

Elevation (AMSL) (m): **746**

AEP: **260707**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): \_\_\_\_\_ Verified NPWL (m): \_\_\_\_\_  
 Abandonment: \_\_\_\_\_

**Casing:**  
 Type: \_\_\_\_\_  
 Depth (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Seal Type: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Liner:**  
 Type: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Top (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 Perforated How:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Screen:**  
 Material: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Open Hole:**  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Pump:**  
 Model: \_\_\_\_\_ Intake (m): \_\_\_\_\_

**Testing:**  
 Rate (lpm): \_\_\_\_\_ Time (minute): \_\_\_\_\_  
 Level End (m): \_\_\_\_\_ Drawdown (m): \_\_\_\_\_  
 Rec'd intake (m): \_\_\_\_\_ Rec'd Rate (lpm): \_\_\_\_\_

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>18 Jul 78</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>715.0</b>	SAR	Nickel
TDS	<b>402.0</b>	TKN	Selenium
Sodium	<b>17.02</b>	Nitrate	Strontium
Potassium	<b>4.30</b>	Nitrite	Molybdenum
Calcium	<b>108.02</b>	TN	Vanadium
Magnesium	<b>25.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>480.76</b>	Arsenic	Total Hardness <b>371.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.29</b>	Chromium	Amm. Nitrogen
Iron	<b>2.06</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>395.0</b>
Silica	<b>18.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: \_\_\_\_\_ m<sup>2</sup>/day  
 Gamma Log: **No** Storativity: \_\_\_\_\_  
 Aquifer Test: **No**  
 Project: \_\_\_\_\_ Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02873**

Well Owner: **Tessier, Joseph M.**

Elevation (AMSL) (m): **746**

AEP: **260694**

Drilling Contractor: **Elliott Drlg**

Licence No.:

Easting: **69,278.15**

Date Started:

Northing: **5,940,684.50**

Date Completed: **01 Jan 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **108.0** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **28.0** to **29.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **480.0**  
 Level End (m): **18.3** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
6.1	739.7		Clay
19.8	726.0		Sand Fine Grained Brown
23.2	722.6		Sand Blue
28.0	717.7		Sand Fine Grained Blue
29.3	716.5		Sand White

Laboratory:		<b>01 Sep 72</b>	
pH (pH unit)	<b>7.10</b>	COD	Mercury
Cond. (µS/cm)	<b>780.0</b>	SAR	Nickel
TDS	<b>613.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>47.09</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>184.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>28.82</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>4.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>413.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 05-054-27 W4M**

Well Number **02874**

Well Owner: **Tibroe, George**

Elevation (AMSL) (m): **746**

AEP: **260720**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,084.48**

Date Started: **29 Jul 75**

Northing: **5,940,428.00**

Date Completed: **30 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Loose**  
 from (m): to **33.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **33.2** to **34.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	
15.2	731.2		Clay & Sandstone Water Bearing
22.9	723.6		Clay & Sand Blue
29.0	717.5		Sand & Coal
30.8	715.7		Clay Blue
32.6	713.9		Shale Green
34.8	711.7		Shale & Coal Brown
36.3	710.2		Shale Green
37.8	708.7		Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02875**

Well Owner: **Tilroe, George**

Elevation (AMSL) (m): **746**

AEP: **151928**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,069.40**

Date Started: **26 Apr 90**

Northing: **5,940,432.00**

Date Completed: **30 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **29.0** to **30.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	731.0	Clay Stony Yellow
27.4	718.8	Sand Clayey Blue
31.4	714.9	Coal Sandy Blue
32.0	714.3	Clay Blue
35.0	711.2	Shale Brown
36.6	709.7	Shale Gray
45.7	700.5	Shale Sandy Gray
51.5	694.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02876**

Well Owner: **Trojanou, Wally**

Elevation (AMSL) (m): **746**

AEP: **260699**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **17 Nov 77**

Northing: **5,940,684.50**

Date Completed: **17 Nov 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **24.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **24.7** to **25.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **7.8** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Dec 77**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>800.0</b>	SAR	Nickel
TDS <b>457.0</b>	TKN	Selenium
Sodium <b>86.02</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>71.94</b>	TN	Vanadium
Magnesium <b>14.84</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>499.67</b>	Arsenic	Total Hardness <b>241.00</b>
Aluminum	Barium	Manganese
Sulphate <b>15.37</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>400.0</b>
Silica <b>18.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02877**

Well Owner: **Umphrey, Howard**

Elevation (AMSL) (m): **746**

AEP: **260728**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **21 Dec 87**

Northing: **5,940,684.50**

Date Completed: **21 Dec 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **38.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **38.4** to **39.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **37.8**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **37.8** Drawdown (m): **19.5**  
 Rec'd intake (m): **37.8** Rec'd Rate (lpm): **13.7**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 3.1 742.7 Clay  
 39.6 706.1 Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02878**

Well Owner: **Umphey, Howard**

Elevation (AMSL) (m): **746**

AEP: **260730**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **69,278.15**

Date Started: **27 Jan 88**

Northing: **5,940,684.50**

Date Completed: **28 Jan 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **59.4**  
 Perforated How: **Unknown**  
 from (m): **42.7** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **18.3**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.8	726.0	Clay Sandy
22.9	722.9	Clay
36.0	709.8	Sand & Coal
40.5	705.2	Clay
43.3	702.5	Shale
43.6	702.2	Coal
48.8	697.0	Shale
52.4	693.3	Sandstone
54.0	691.8	Shale
56.4	689.4	Sandstone
57.0	688.8	Coal
59.4	686.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02879**

Well Owner: **Vaugeois, Real**

Elevation (AMSL) (m): **746**

AEP: **260690**

Licence No.:

Easting: **69,278.15**

Drilling Contractor: **Big Iron Drilling Ltd.**

Date Started: **25 Mar 74**

Northing: **5,940,684.50**

Date Completed: **29 Mar 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **50.3**  
 Perforated How: **Torch**  
 from (m): **36.6** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **60.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	742.7	Clay & Boulders
9.1	736.6	Clay Sandy
15.2	730.5	Clay Sandy Brown
19.8	726.0	Sand Brown
36.6	709.2	Sand Brown
41.2	704.6	Shale Brown
44.2	701.6	Sandstone
47.2	698.5	Shale Brown
48.8	697.0	Shale & Coal
50.3	695.5	Shale Green

<b>Laboratory:</b>			<b>19 Apr 74</b>
pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>775.0</b>	SAR	Nickel
TDS	<b>506.0</b>	TKN	Selenium
Sodium	<b>157.09</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>32.06</b>	TN	Vanadium
Magnesium	<b>7.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>593.02</b>	Arsenic	Total Hardness <b>111.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>11.05</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.91</b>
Fluoride	<b>0.40</b>	Chromium	Amm. Nitrogen
Iron	<b>2.00</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>486.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-27 W4M**

Well Number **02880**

Well Owner: **William, T.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260722**  
 Easting: **69,278.15**  
 Northing: **5,940,684.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-27 W4M**

Well Number **02881**

Well Owner: **Williams, Thomas**

Elevation (AMSL) (m): **750**

AEP: **166954**

Drilling Contractor: **Summers, David Drilling**

Licence No.:

Easting: **69,080.71**

Date Started: **01 Apr 92**

Northing: **5,940,502.50**

Date Completed: **02 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Benseal**  
 from (m): **36.6** to **41.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **47.2**  
 Perforated How: **Machine**  
 from (m): **41.2** to **47.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **25.9**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	742.9			Clay Brown
28.0	721.5			Sand Silty Brown
33.5	716.1			Clay Blue
40.5	709.0			Clay Sandy
42.7	706.9			Shale Gray
45.7	703.9			Sandstone
46.3	703.3			Shale Gray
50.3	699.3			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 06-054-27 W4M**

Well Number **02882**

Well Owner: **Miller, Jack**

Elevation (AMSL) (m): **757**

AEP: **261179**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **68,437.80**

Date Started: **28 Sep 76**

Northing: **5,941,480.50**

Date Completed: **30 Sep 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.8** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **65.8**  
 Perforated How: **Torch**  
 from (m): **48.8** to **65.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	755.8	Clay
12.8	744.5	Sand & Gravel
18.3	739.0	Clay Blue
22.9	734.4	Gravel
33.8	723.5	Clay & Rocks
54.3	703.1	Sandstone Soft Gray
57.6	699.7	Shale
65.8	691.5	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 06-054-27 W4M**

Well Number **02883**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **757**

AEP: **260974**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,437.80**

Date Started:

Northing: **5,941,480.50**

Date Completed: **10 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **108.0** Thickness (mm):  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **26.5** to **27.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): **27.7** Drawdown (m): **8.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.7	746.6	Clay Yellow
15.5	741.8	Sand
18.3	739.0	Clay Blue
25.3	732.0	Sand
25.6	731.7	Clay Blue
29.0	728.4	Sand
32.0	725.3	Clay Blue

Laboratory:

**12 Aug 74**

pH (pH unit)	<b>7.20</b>	COD	Mercury
Cond. (µS/cm)	<b>850.0</b>	SAR	Nickel
TDS	<b>462.0</b>	TKN	Selenium
Sodium	<b>20.93</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>103.01</b>	TN	Vanadium
Magnesium	<b>27.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>496.62</b>	Arsenic	Total Hardness <b>371.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>2545.59</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>0.90</b>
Fluoride	<b>0.28</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>408.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 06-054-27 W4M**

Well Number **02884**

Well Owner: **Savard, Lloyd & Harold**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **757**      AEP: **261177**  
 Licence No.:      Easting: **68,437.80**  
 Date Started: **23 Jul 74**      Northing: **5,941,480.50**  
 Date Completed: **12 Aug 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **19.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **57.3**      Bottom (m): **57.3**  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **88.9**      Thickness (mm): **0.0**  
 Top (m):      Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **57.3**      to **52.1**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **16.0**      Time (minute): **420.0**  
 Level End (m): **42.7**      Drawdown (m): **22.9**  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	754.3	Clay Yellow
19.8	737.5	Sand & Gravel
20.7	736.6	Clay Yellow
24.4	732.9	Clay Blue
27.4	729.9	Gravel
33.5	723.8	Sand & Coal
41.2	716.2	Gravel
42.7	714.6	Clay Blue
44.2	713.1	Shale Brown
47.2	710.1	Shale Sandy Gray
50.9	706.4	Shale Gray
52.7	704.6	Shale Brittle Gray
53.6	703.7	Shale Sandy Gray
55.5	701.8	Shale Gray
56.4	700.9	Coal
58.5	698.8	Shale Brown
63.1	694.2	Shale Sandy Green
66.4	690.9	Shale Brittle Green
68.6	688.7	Shale Sandy Gray
76.2	681.1	Shale Gray
82.3	675.0	Shale Sandy Gray
83.5	673.8	Shale Brown

Laboratory:		<b>30 Oct 74</b>		
pH (pH unit)	<b>8.40</b>	COD	Mercury	
Cond. (µS/cm)	<b>1000</b>	SAR	Nickel	
TDS	<b>569.0</b>	TKN	Selenium	
Sodium	<b>172.96</b>	Nitrate	<b>0.01</b>	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum	
Calcium	<b>67.94</b>	TN	Vanadium	
Magnesium		TC	Zinc	
Carbonate		DIC	Hydroxide	
Bicarbonate	<b>607.05</b>	Arsenic	Total Hardness <b>174.00</b>	
Aluminum		Barium	Manganese	
Sulphate	<b>12.97</b>	Beryllium	Phosphate	
Chloride	<b>4.96</b>	Cadium	Ion Balance <b>1.03</b>	
Fluoride	<b>2.32</b>	Chromium	Amm. Nitrogen	
Iron	<b>0.30</b>	Cobalt	Total Phosphate	
TOC		Copper	Total Alkalinity <b>503.0</b>	
Silica		Lead	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 06-054-27 W4M**

Well Number **02885**

Well Owner: **Williamson, J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **757**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261180**  
 Easting: **68,437.80**  
 Northing: **5,941,480.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **31 Jan 81**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>956.0</b>	SAR	Nickel
TDS <b>599.0</b>	TKN	Selenium
Sodium <b>250.01</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>15.00</b>	DIC	Hydroxide
Bicarbonate <b>508.21</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum	Barium	Manganese
Sulphate <b>74.93</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>1.07</b>
Fluoride <b>1.77</b>	Chromium	Amm. Nitrogen
Iron <b>0.31</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>441.0</b>
Silica <b>7.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 06-054-27 W4M**

Well Number **02886**

Well Owner: **Brace, Leslie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed: **16 Jun 77**  
 AEP: **261169**  
 Easting: **68,019.95**  
 Northing: **5,941,491.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **22 Jun 77**

pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>870.0</b>	SAR	Nickel
TDS	<b>481.0</b>	TKN	Selenium
Sodium	<b>195.96</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>511.87</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>27.86</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.30</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>19.70</b>	Lead	Nitrate&Nitrite N

**0.97**

**420.0**

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 06-054-27 W4M**

Well Number **02887**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **787**

AEP: **261174**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,595.98**

Date Started:

Northing: **5,941,770.00**

Date Completed: **27 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **25.0** to **26.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **480.0**  
 Level End (m): **18.3** Drawdown (m): **4.9**  
 Rec'd intake (m): **23.5** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.8	770.4			Clay Yellow
18.3	768.9			Sand
19.8	767.4			Clay Blue
26.5	760.7			Sand & Coal
30.5	756.7			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 06-054-27 W4M**

Well Number **02888**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **799**

AEP: **261171**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,431.68**

Date Started:

Northing: **5,941,768.00**

Date Completed: **26 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.2** to **31.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **570.0**  
 Level End (m): **24.1** Drawdown (m): **10.4**  
 Rec'd intake (m): **28.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	780.2			Clay Hard Yellow
33.5	765.0			Clay Blue
35.0	763.5			Sand
36.6	762.0			Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 06-054-27 W4M**

Well Number **02889**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **797**

AEP: **261176**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,348.95**

Date Started:

Northing: **5,941,763.50**

Date Completed: **28 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **30.2** to **31.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **270.0**  
 Level End (m): **24.1** Drawdown (m): **11.9**  
 Rec'd intake (m): **28.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	778.9			Clay Yellow
25.9	771.3			Sand
27.4	769.8			Clay Blue
34.1	763.1			Sand & Coal
35.7	761.6			Gravel
36.6	760.6			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 06-054-27 W4M**

Well Number **02890**

Well Owner: **Anderson, D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **273089**  
 Easting: **67,630.26**  
 Northing: **5,941,476.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>15 Sep 80</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1053</b>	SAR	Nickel
TDS	<b>623.0</b>	TKN	Selenium
Sodium	<b>244.03</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>5.10</b>	DIC	Hydroxide
Bicarbonate	<b>549.09</b>	Arsenic	Total Hardness <b>12.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>94.14</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.11</b>	Chromium	Amm. Nitrogen
Iron	<b>0.06</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>459.0</b>
Silica	<b>19.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02891**

Well Owner: **Bowen, Glen**

Elevation (AMSL) (m): **782**

AEP: **261136**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **14 Sep 73**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **34.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>05 Nov 73</b>	
pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>775.0</b>	SAR	Nickel
TDS	<b>436.0</b>	TKN	Selenium
Sodium	<b>5.98</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>111.02</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>447.81</b>	Arsenic	Total Hardness <b>405.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>55.23</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.32</b>	Chromium	Amm. Nitrogen
Iron	<b>1.80</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>368.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02892**

Well Owner: **Bradley, Bill/Bjork, J. N/Own**

Elevation (AMSL) (m): **777**

AEP: **166441**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,955.41**

Date Started: **28 Nov 79**

Northing: **5,941,765.50**

Date Completed: **29 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **26.2** to **29.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **19.8** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	769.4	Clay Yellow
9.1	767.9	Sand & Coal
19.2	757.8	Clay Yellow
24.4	752.6	Clay Blue
28.0	749.0	Sand
29.0	748.0	Clay Blue
30.5	746.5	Clay Yellow
32.0	745.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02893**

Well Owner: **Bradley, William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261156**  
 Easting: **67,956.56**  
 Northing: **5,941,777.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **19 Jun 79**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>1937</b>	SAR	Nickel
TDS <b>1173</b>	TKN	Selenium
Sodium <b>448.04</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate <b>11.10</b>	DIC	Hydroxide
Bicarbonate <b>708.94</b>	Arsenic	Total Hardness <b>18.00</b>
Aluminum	Barium	Manganese
Sulphate <b>133.04</b>	Beryllium	Phosphate
Chloride <b>224.04</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron <b>0.37</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>600.0</b>
Silica <b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02894**

Well Owner: **Cantin, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261162**  
 Easting: **67,630.26**  
 Northing: **5,941,476.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **07 May 81**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>877.0</b>	SAR	Nickel
TDS <b>540.0</b>	TKN	Selenium
Sodium <b>224.94</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>3.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>521.03</b>	Arsenic	Total Hardness <b>10.00</b>
Aluminum	Barium	Manganese
Sulphate <b>49.95</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>1.04</b>
Fluoride <b>0.31</b>	Chromium	Amm. Nitrogen
Iron <b>0.04</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>427.0</b>
Silica <b>20.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

NW 06-054-27 W4M

Well Number 02895

Well Owner: **Christensen, Robert**

Elevation (AMSL) (m): **790**

AEP: **261134**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **67,465.95**

Date Started:

Northing: **5,941,634.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **55.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Feb 75**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>830.0</b>	SAR	Nickel
TDS	<b>471.0</b>	TKN	Selenium
Sodium	<b>14.03</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>111.02</b>	TN	Vanadium
Magnesium	<b>29.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>488.69</b>	Arsenic	Total Hardness <b>395.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>70.12</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.90</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>401.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02896**

Well Owner: **Dumaresq, Terry**

Elevation (AMSL) (m): **779**

AEP: **156191**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,773.88**

Date Started: **08 Feb 91**

Northing: **5,941,562.00**

Date Completed: **12 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.0** Bottom (m): **86.0**  
 Perforated How: **Machine**  
 from (m): **53.0** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

22.9	756.2	Clay & Rocks	Yellow
27.4	751.6	Clay	Blue
34.4	744.6	Clay & Rocks	Yellow
38.1	740.9	Gravel	
42.7	736.3	Clay	Yellow
43.6	735.4	Sandstone	
50.3	728.7	Shale	Green
51.8	727.2	Shale	Sandy Gray
54.9	724.2	Shale	Sandy Gray
57.9	721.1	Shale	Green
62.5	716.5	Shale	Sandy Gray
69.5	709.5	Shale	Gray
71.0	708.0	Shale & Coal	Brown
71.6	707.4	Shale	Green
75.3	703.7	Shale	Sandy Gray
80.2	698.9	Shale	Gray
85.3	693.7	Shale	Sandy Gray
86.9	692.2	Shale	Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 06-054-27 W4M**

Well Number **02897**

Well Owner: **Gardiner, C.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **780**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261167**  
 Easting: **67,779.62**  
 Northing: **5,941,666.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **09 Mar 84**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>1115</b>	SAR	Nickel
TDS <b>702.0</b>	TKN	Selenium
Sodium <b>284.97</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>580.82</b>	Arsenic	Total Hardness <b>9.00</b>
Aluminum	Barium	Manganese
Sulphate <b>123.92</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.04</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron <b>0.05</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>477.0</b>
Silica <b>17.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 06-054-27 W4M**

Well Number **02898**

Well Owner: **Hawkins, Barry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **773**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161747**  
 Easting: **67,958.86**  
 Northing: **5,941,664.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02899**

Well Owner: **Hemingson, B.**

Elevation (AMSL) (m): **782**

AEP: **242372**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **01 Oct 72**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Combination**  
 Well Use: **Domestic**  
 Completed Depth **78.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m): **78.6**  
 Perforated How:  
 from (m): **67.1** to **77.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Aermotor** Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): **27.4** Drawdown (m):  
 Rec'd intake (m): **68.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	766.8			Clay & Boulders
21.3	760.7			Sand & Gravel Clayey
24.4	757.6			Clay & Shale
36.6	745.5			Shale
44.2	737.8			Sandstone
47.2	734.8			Shale
59.4	722.6			Sandstone
61.0	721.1			Coal
67.1	715.0			Shale
77.7	704.3			Sandstone Water Bearing
78.6	703.4			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 06-054-27 W4M**

Well Number **02900**

Well Owner: **Kobewka, L.**

Elevation (AMSL) (m): **787**

AEP: **150910**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,347.61**

Date Started: **28 Feb 90**

Northing: **5,941,641.50**

Date Completed: **09 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **33.5** to  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **54.9** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Duro** Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **42.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	778.2		Sand
22.9	764.4		Gravel
27.7	759.6		Clay
41.2	746.1		Shale Green
47.9	739.4		Shale Gray
61.0	726.3		Sandstone
73.2	714.1		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02901**

Well Owner: **Matwychuk, J.**

Elevation (AMSL) (m): **782**

AEP: **261140**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
<b>(No Lithologic Information Available)</b>		

Laboratory:		<b>28 Dec 73</b>	
pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>825.0</b>	SAR	Nickel
TDS	<b>468.0</b>	TKN	Selenium
Sodium	<b>63.94</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>66.93</b>	TN	Vanadium
Magnesium	<b>31.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>447.20</b>	Arsenic	Total Hardness <b>298.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>71.08</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.29</b>	Chromium	Amm. Nitrogen
Iron	<b>2.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>366.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02902**

Well Owner: **Meisters, Leo**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261138**  
 Easting: **67,630.26**  
 Northing: **5,941,476.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>21 Mar 72</b>	
pH (pH unit)	<b>7.10</b>	COD	Mercury
Cond. (µS/cm)	<b>870.0</b>	SAR	Nickel
TDS	<b>860.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>135.07</b>	TN	Vanadium
Magnesium	<b>27.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>450.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>99.90</b>	Beryllium	Phosphate
Chloride	<b>10.99</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>430.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02903**

Well Owner: **Panker Const**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **782**      AEP: **261145**  
 Licence No.:      Easting: **67,630.26**  
 Date Started:      Northing: **5,941,476.00**  
 Date Completed: **18 Feb 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.6** (m)  
 NPWL (m): **4.3**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Concrete**  
 Depth (m): **5.5**      Bottom (m): **5.5**  
 OD (mm): **609.6**      Thickness (mm):  
 Seal Type:  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **457.2**      Thickness (mm):  
 Top (m):      Bottom (m): **11.6**  
 Perforated How: **Unknown**  
 from (m): **7.3**      to **7.9**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **9.1**      Time (minute): **180.0**  
 Level End (m): **7.3**      Drawdown (m): **3.1**  
 Rec'd intake (m):      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)      Lithologic Description**  
 4.3 777.8 Sand  
 11.6 770.4 Sand & Shale Silty Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02904**

Well Owner: **Quartly, Darrold**

Elevation (AMSL) (m): **777**

AEP: **261163**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,777.32**

Date Started: **12 Feb 85**

Northing: **5,941,784.00**

Date Completed: **14 Feb 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.8** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Stainless Steel**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.9** to **34.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	776.8	Sandstone
22.9	754.2	Clay Sandy Yellow
32.3	744.8	Clay & Sandstone Blue
36.0	741.1	Sand & Gravel
39.0	738.1	Clay Yellow
40.8	736.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02905**

Well Owner: **Robinson, R.D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **781**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261137**  
 Easting: **67,763.54**  
 Northing: **5,941,352.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **24 May 73**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>1040</b>	SAR	Nickel
TDS <b>710.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite <b>0.05</b>	Molybdenum
Calcium <b>53.91</b>	TN	Vanadium
Magnesium <b>5.96</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>136.00</b>
Aluminum	Barium	Manganese
Sulphate <b>99.90</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>415.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 06-054-27 W4M**

Well Number **02906**

Well Owner: **Schiller, Orville**

Elevation (AMSL) (m): **798**

AEP: **152036**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **67,433.78**

Date Started: **22 Dec 89**

Northing: **5,941,759.50**

Date Completed: **22 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.9** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **29.6** to **31.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	791.7	Sand Fine Grained Yellow
22.3	775.8	Clay Soft Yellow
25.6	772.5	Sand Fine Grained
27.1	770.9	Clay Blue
32.0	766.1	Sand Coarse Grained Gray
32.9	765.2	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02907**

Well Owner: **Skye Devel**

Elevation (AMSL) (m): **791**

AEP: **261159**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,243.05**

Date Started: **24 Aug 79**

Northing: **5,941,543.50**

Date Completed: **27 Aug 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **58.2**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **87.2**  
 Perforated How: **Torch**  
 from (m): **58.2** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	779.1			Clay Yellow
16.8	774.5			Silt
23.5	767.8			Gravel
30.5	760.8			Clay Blue
40.5	750.7			Gravel
46.9	744.3			Clay Yellow
59.1	732.1			Shale Greenish Gray
65.5	725.7			Shale Sandy Gray
69.8	721.5			Shale Green
71.3	719.9			Shale Sandy Gray
72.5	718.7			Shale Dark Gray
81.7	709.6			Sandstone
83.8	707.4			Coal
88.1	703.2			Shale Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02908**

Well Owner: **Truman, D.**

Elevation (AMSL) (m): **782**

AEP: **264241**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **01 Oct 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **83.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **83.8**  
 Perforated How:  
 from (m): **71.6** to **74.7** Size:  
 from (m): **79.2** to **82.3** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Aermotor** Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **68.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	769.8	Clay & Boulders
24.4	757.6	Sand & Boulders
29.0	753.1	Sand & Gravel
30.5	751.5	Gravel
35.0	747.0	Clay & Gravel
36.6	745.5	Shale
47.2	734.8	Sandstone
50.3	731.7	Shale
56.4	725.6	Sandstone
57.0	725.0	Coal
64.0	718.0	Shale
73.2	708.9	Sandstone
73.5	708.6	Coal Water Bearing
79.2	702.8	Shale
80.8	701.3	Coal Water Bearing
83.8	698.2	Shale

Laboratory:		<b>08 Nov 78</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>496.0</b>	SAR	Nickel
TDS	<b>306.0</b>	TKN	Selenium
Sodium	<b>9.89</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>54.91</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>305.05</b>	Arsenic	Total Hardness <b>267.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>55.23</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.93</b>
Fluoride	<b>0.17</b>	Chromium	Amm. Nitrogen
Iron	<b>2.24</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>250.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02909**

Well Owner: **Walker, Darlene**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **787**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **168341**  
 Easting: **67,595.79**  
 Northing: **5,941,763.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **42.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-054-27 W4M**

Well Number **02910**

Well Owner: **Zoelekow, W. Building Const**

Elevation (AMSL) (m): **782**

AEP: **261141**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **01 May 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Rapidayton** Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **1440.0**  
 Level End (m): **28.4** Drawdown (m): **4.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
32.0	750.0			Clay Brown
33.5	748.5			Sand
36.6	745.5			Clay
38.1	743.9			Gravel
39.6	742.4			Clay & Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02911**

Well Owner: **Zoetekow, W.**

Elevation (AMSL) (m): **782**

AEP: **261148**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **01 May 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **1440.0**  
 Level End (m): **33.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
27.4	754.6			Clay Brown
29.3	752.8			Gravel
36.6	745.5			Clay
37.5	744.5			Shale & Gravel

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-054-27 W4M**

Well Number **02912**

Well Owner: **Zoetekow, W.**

Elevation (AMSL) (m): **782**

AEP: **261143**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **67,630.26**

Date Started:

Northing: **5,941,476.00**

Date Completed: **01 May 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type: **Driven & Grouted**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Crowe** Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **600.0**  
 Level End (m): **30.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
37.8	744.2			Clay Brown
39.0	743.0			Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02913**

Well Owner: **Arminstall, Fraser**

Elevation (AMSL) (m): **742**

AEP: **261006**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started: **29 Aug 80**

Northing: **5,940,690.00**

Date Completed: **09 Sep 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **45.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **45.7** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **37.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	734.8	Clay Yellow
12.8	729.6	Sand & Coal
16.1	726.2	Clay & Coal Yellow
21.3	721.1	Sand & Coal
24.4	718.0	Clay Yellow
28.0	714.4	Clay Blue
28.4	714.0	Shale Green
41.8	700.6	Shale Sandy
42.4	700.0	Coal
43.6	698.8	Shale Brown
44.2	698.2	Soapstone
49.4	693.0	Shale Green
54.0	688.4	Shale Brown
58.5	683.9	Shale Green
59.1	683.3	Coal
69.5	672.9	Shale Sandy Gray
74.4	668.0	Shale Brown
85.3	657.1	Shale Sandy Gray
85.6	656.8	Sandstone
87.2	655.2	Shale Sandy Gray
88.1	654.3	Shale Gray
88.7	653.7	Sandstone
97.2	645.2	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 06-054-27 W4M**

Well Number **02914**

Well Owner: **Baker**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261004**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **14 Nov 80**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>835.0</b>	SAR	Nickel
TDS	<b>459.0</b>	TKN	Selenium
Sodium	<b>190.90</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>525.91</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.32</b>	Chromium	Amm. Nitrogen
Iron	<b>0.24</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>10.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02915**

Well Owner: **Book, Reg**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261024**  
 Easting: **68,056.38**  
 Northing: **5,940,934.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>19 Jul 84</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>975.0</b>	SAR	Nickel
TDS	<b>596.0</b>	TKN	Selenium
Sodium	<b>232.99</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>4.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>9.90</b>	DIC	Hydroxide
Bicarbonate	<b>514.92</b>	Arsenic	Total Hardness <b>10.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>10.09</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>1.41</b>	Chromium	Amm. Nitrogen
Iron	<b>0.21</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>439.0</b>
Silica	<b>6.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02916**

Well Owner: **Brace Estates**  
 Drilling Contractor: *Steinhauer Ent*

Elevation (AMSL) (m): **742**                      AEP: **261015**  
 Licence No.:    Easting: **68,462.56**  
 Date Started: **11 Aug 76**                      Northing: **5,940,690.00**  
 Date Completed: **13 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **27.1**                      Bottom (m): **27.1**  
 OD (mm): **139.7**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m):                      to                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **180.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
12.2	730.2	Clay
27.4	715.0	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02917**

Well Owner: **Bradley, W.D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261066**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Mar 88**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>971.0</b>	SAR	Nickel
TDS	<b>613.0</b>	TKN	Selenium
Sodium	<b>216.89</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>29.06</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>569.83</b>	Arsenic	Total Hardness <b>89.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>78.77</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.35</b>	Chromium	Amm. Nitrogen
Iron	<b>0.61</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>468.0</b>
Silica	<b>11.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02918**

Well Owner: **Claussen, Paul**

Elevation (AMSL) (m): **744**

AEP: **261020**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,299.09**

Date Started: **25 May 83**

Northing: **5,940,829.50**

Date Completed: **26 May 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **69.8** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **40.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **40.2** Bottom (m): **68.9**  
 Perforated How: **Torch**  
 from (m): **40.2** to **68.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
15.2	728.4		Clay Yellow
16.8	726.9		Sand
18.3	725.4		Clay Blue
20.1	723.6		Sand
23.5	720.2		Clay Blue
25.3	718.4		Sand
32.0	711.7		Clay Blue
33.2	710.5		Shale Greenish Gray
36.6	707.1		Shale Sandy Gray
39.9	703.7		Sand & Shale Gray
41.8	701.9		Shale Dark Gray
42.4	701.3		Coal
43.6	700.1		Shale Brittle Gray
44.2	699.5		Shale & Coal Brown
44.8	698.9		Shale Greenish Gray
46.6	697.0		Shale & Coal Brown
54.3	689.4		Shale Sandy Gray
55.2	688.5		Shale Gray
59.7	683.9		Coal
63.1	680.6		Shale Greenish Gray
66.8	676.9		Shale Sandy Gray
67.7	676.0		Shale Gray
69.8	673.9		Shale Gray

Laboratory:		<b>27 Jun 83</b>	
pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1124</b>	SAR	Nickel
TDS	<b>703.0</b>	TKN	Selenium
Sodium	<b>290.03</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>15.00</b>	DIC	Hydroxide
Bicarbonate	<b>599.12</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>99.90</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.84</b>	Chromium	Amm. Nitrogen
Iron	<b>0.17</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>515.0</b>
Silica	<b>8.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02919**

Well Owner: **Crawford, Joe**

Elevation (AMSL) (m): **742**

AEP: **261025**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started: **31 Jul 84**

Northing: **5,940,690.00**

Date Completed: **31 Jul 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **33.5** to **34.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	727.2	Clay Sandy
34.8	707.6	Sand
36.6	705.8	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02920**

Well Owner: **Danyluk, Patricia**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261070**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth: **36.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02921**

Well Owner: **Durant, G.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261065**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 06-054-27 W4M**

Well Number **02922**

Well Owner: **Geier, Charles**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260977**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **11.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>13 Dec 74</b>	
pH (pH unit)	<b>8.30</b>	COD	Mercury
Cond. (µS/cm)	<b>680.0</b>	SAR	Nickel
TDS		TKN	Selenium
Sodium	<b>2.07</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>101.00</b>	TN	Vanadium
Magnesium	<b>24.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>356.91</b>	Arsenic	Total Hardness <b>350.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>31.22</b>	Beryllium	Phosphate
Chloride	<b>4.96</b>	Cadium	Ion Balance <b>1.07</b>
Fluoride	<b>0.51</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>292.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02923**

Well Owner: **Greig, George**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261000**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Jul 79**

pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>993.0</b>	SAR	Nickel
TDS	<b>626.0</b>	TKN	Selenium
Sodium	<b>241.04</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>5.01</b>	TN	Vanadium
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate	<b>6.00</b>	DIC	Hydroxide
Bicarbonate	<b>477.71</b>	Arsenic	Total Hardness <b>18.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>89.82</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.69</b>	Chromium	Amm. Nitrogen
Iron	<b>0.31</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>478.0</b>
Silica	<b>8.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02924**

Well Owner: **Hopper, Brenda**

Elevation (AMSL) (m): **742**

AEP: **260969**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started: **21 Oct 77**

Northing: **5,940,690.00**

Date Completed: **25 Oct 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Unknown**  
 from (m): **36.6** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	727.2	Clay Yellow
18.3	724.1	Clay Blue
22.9	719.5	Gravel
26.5	715.9	Clay Yellow
29.9	712.5	Shale Green
32.0	710.4	Shale Gray
35.0	707.3	Shale Sandy Gray
39.9	702.5	Shale Gray
40.2	702.2	Coal
41.5	700.9	Shale Brittle Green
42.1	700.3	Shale & Coal Brown
46.9	695.5	Shale Greenish Gray
49.4	693.0	Shale Sandy Gray
53.3	689.1	Shale Greenish Gray
54.3	688.1	Shale Brown
54.9	687.5	Coal
62.2	680.2	Shale Greenish Gray
65.8	676.6	Shale Sandy Gray
68.6	673.8	Shale Green
70.4	672.0	Shale Gray
71.3	671.1	Soapstone
72.8	669.6	Shale Green
74.7	667.7	Shale Gray
76.2	666.2	Shale Green
77.4	665.0	Shale Brown
78.9	663.5	Shale Brittle Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02925**

Well Owner: **Iszcenko, A.**  
 Drilling Contractor: *Elliott Drlg*

Elevation (AMSL) (m): **749**      AEP: **264202**  
 Licence No.:      Easting: **68,211.05**  
 Date Started:      Northing: **5,940,989.50**  
 Date Completed: **24 Sep 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **9.1**      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **38.7**      Bottom (m): **38.7**  
 OD (mm): **108.0**      Thickness (mm):  
 Seal Type: **Gravel Pack**  
 from (m): **38.7**      to **57.9**

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm): **11.4**      Time (minute): **180.0**  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m): **36.6**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	738.2	Clay Sandy Brown
12.2	736.7	Sand Fine Grained Blue
33.5	715.4	Clay Soft Blue
39.6	709.3	Shale
42.7	706.2	Coal
51.8	697.1	Shale
54.9	694.0	Coal
57.9	691.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02926**

Well Owner: **Johnston, Bert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **260968**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **29.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **13 Mar 75**

pH (pH unit) <b>7.00</b>	COD	Mercury
Cond. (µS/cm) <b>760.0</b>	SAR	Nickel
TDS <b>478.0</b>	TKN	Selenium
Sodium <b>19.09</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>112.02</b>	TN	Vanadium
Magnesium <b>27.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>500.89</b>	Arsenic	Total Hardness <b>395.00</b>
Aluminum	Barium	Manganese
Sulphate <b>53.79</b>	Beryllium	Phosphate
Chloride <b>9.93</b>	Cadium	Ion Balance <b>0.91</b>
Fluoride <b>0.27</b>	Chromium	Amm. Nitrogen
Iron <b>0.80</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>411.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02927**

Well Owner: **Jonhson, Bent**

Elevation (AMSL) (m): **742**

AEP: **261068**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started: **22 Feb 88**

Northing: **5,940,690.00**

Date Completed: **22 Feb 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **37.2**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **51.8**  
 Perforated How: **Unknown**  
 from (m): **37.2** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **35.0** Drawdown (m): **21.3**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	734.8	Clay
29.0	713.4	Sand
34.1	708.3	Clay Sandy
40.2	702.2	Shale
42.7	699.7	Sandstone
44.2	698.2	Shale
47.9	694.5	Sandstone
49.4	693.0	Shale
50.9	691.5	Coal
51.8	690.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02928**

Well Owner: **Lesenko, Barry**

Elevation (AMSL) (m): **742**

AEP: **261063**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started: **13 Aug 85**

Northing: **5,940,690.00**

Date Completed: **14 Aug 85**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.9** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
4.6	737.8			Sand & Gravel Fine Grained Yel
11.3	731.1			Clay Yellow
17.1	725.3			Clay Blue
22.9	719.5			Sand & Gravel Fine Grained
24.4	718.0			Clay Blue
33.5	708.9			Sand & Coal Gray
38.1	704.3			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02929**

Well Owner: **Lesenko, Barry/Kathy**

Elevation (AMSL) (m): **741**

AEP: **186331**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,380.83**

Date Started: **05 Jul 94**

Northing: **5,940,836.00**

Date Completed: **06 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **47.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **46.0** Bottom (m): **72.2**  
 Perforated How: **Saw**  
 from (m): **47.6** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **24.4**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	738.9	Sand Coarse Grained
20.4	720.9	Clay Silty Yellow
23.2	718.1	Clay Blue
25.6	715.7	Clay & Sand
30.5	710.8	Clay Blue
32.3	709.0	Sand & Coal
33.2	708.1	Clay Blue
33.5	707.8	Shale Green
35.0	706.3	Clay Blue
37.8	703.5	Clay & Sand
39.6	701.7	Shale & Coal Brown
40.5	700.8	Shale Green
43.3	698.0	Shale Brittle
47.2	694.1	Shale Brittle Green
49.7	691.6	Shale Hard Green
53.3	688.0	Shale Sandy Gray
55.5	685.8	Shale & Coal Brown
56.4	684.9	Shale Sandy Gray
61.0	680.3	Shale Gray
65.2	676.1	Shale Sandy Gray
69.5	671.8	Shale Green
72.2	669.1	Shale Sandy Gray
73.2	668.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 06-054-27 W4M**

Well Number **02930**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **742**

AEP: **260989**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started:

Northing: **5,940,690.00**

Date Completed: **09 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **24.1** to **25.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m): **18.0**

**Testing:**

Rate (lpm): **6.8** Time (minute): **630.0**  
 Level End (m): **18.0** Drawdown (m): **6.4**  
 Rec'd intake (m): **22.6** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
13.7	728.7	Clay Yellow
16.8	725.6	Clay Blue
19.5	722.9	Clay & Sand
21.3	721.1	Sand & Gravel
21.9	720.5	Clay Blue
32.0	710.4	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02931**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **742**

AEP: **260979**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started:

Northing: **5,940,690.00**

Date Completed: **11 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.9** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **570.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **28.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	739.3			Sand & Gravel
19.8	722.6			Clay Yellow
24.4	718.0			Clay Blue
32.0	710.4			Sand & Coal
33.8	708.6			Clay Blue
36.6	705.8			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02932**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **742**

AEP: **260986**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started:

Northing: **5,940,690.00**

Date Completed: **14 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **31.4** to **32.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **9.1**  
 Rec'd intake (m): **27.1** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.2	730.2	Clay Yellow
21.3	721.1	Clay Blue
35.0	707.3	Sand & Coal
36.6	705.8	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 06-054-27 W4M**

Well Number **02933**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **742**

AEP: **260995**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started:

Northing: **5,940,690.00**

Date Completed: **12 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.9** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **570.0**  
 Level End (m): **23.8** Drawdown (m): **8.5**  
 Rec'd intake (m): **28.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	736.3			Clay Yellow
22.9	719.5			Clay & Sand
27.4	715.0			Clay & Rocks Blue
36.9	705.5			Sand & Coal
41.2	701.2			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 06-054-27 W4M**

Well Number **02934**

Well Owner: **Paul, R.**

Elevation (AMSL) (m): **742**

AEP: **260978**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **68,462.56**

Date Started:

Northing: **5,940,690.00**

Date Completed: **12 Aug 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Cribbing**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **508.0** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	736.3	Clay Brown
11.0	731.4	Quicksand
12.2	730.2	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02935**

Well Owner: **Piquette, Wade**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **749**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **198194**  
 Easting: **68,075.24**  
 Northing: **5,940,745.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02936**

Well Owner: **Poburan, Harry**

Elevation (AMSL) (m): **742**

AEP: **260983**

Drilling Contractor: *Banks Well Service*

Licence No.:

Easting: **68,462.56**

Date Started: **28 Dec 77**

Northing: **5,940,690.00**

Date Completed: **29 Dec 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to **21.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **34.1** to **36.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **34.1** Drawdown (m): **23.5**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	739.3	Clay & Sand
18.3	724.1	Clay
24.4	718.0	Shale
36.6	705.8	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02937**

Well Owner: **Sleeman**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261018**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **07 May 81**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>958.0</b>	SAR	Nickel
TDS <b>583.0</b>	TKN <b>0.04</b>	Selenium
Sodium <b>224.94</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium <b>9.02</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate <b>8.10</b>	DIC	Hydroxide
Bicarbonate <b>430.73</b>	Arsenic	Total Hardness <b>26.00</b>
Aluminum	Barium	Manganese
Sulphate <b>85.01</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.19</b>	Chromium	Amm. Nitrogen
Iron <b>0.06</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>431.0</b>
Silica <b>8.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 06-054-27 W4M**

Well Number **02938**

Well Owner: **Sleeman**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261019**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>23 Sep 82</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>956.0</b>	SAR	Nickel
TDS	<b>567.0</b>	TKN	Selenium
Sodium	<b>203.09</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>8.02</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>535.06</b>	Arsenic	Total Hardness <b>20.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>89.82</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.87</b>
Fluoride	<b>0.38</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>439.0</b>
Silica	<b>9.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02939**

Well Owner: **Tremblay, Allan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261023**  
 Easting: **68,462.56**  
 Northing: **5,940,690.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **73.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **27 Jul 83**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>989.0</b>	SAR	Nickel
TDS <b>581.0</b>	TKN	Selenium
Sodium <b>241.04</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>15.90</b>	DIC	Hydroxide
Bicarbonate <b>599.73</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>24.98</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>1.94</b>	Chromium	Amm. Nitrogen
Iron <b>0.08</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>519.0</b>
Silica <b>8.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-27 W4M**

Well Number **02940**

Well Owner: **Williamson, Jordan**

Elevation (AMSL) (m): **742**

AEP: **261011**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **68,462.56**

Date Started: **29 Nov 80**

Northing: **5,940,690.00**

Date Completed: **04 Dec 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **80.8**  
 Perforated How: **Torch**  
 from (m): **37.8** to **57.0** Size:  
 from (m): **74.4** to **80.8** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **660.0**  
 Level End (m): **76.2** Drawdown (m): **62.5**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	732.3	Clay & Rocks
19.8	722.6	Till & Rocks
21.3	721.1	Silt Sandy
25.9	716.5	Sand
35.4	707.0	Till
35.7	706.7	Till & Rocks
40.2	702.2	Shale Greenish Gray
41.2	701.2	Sandstone Soft Gray
49.7	692.7	Shale
50.6	691.8	Sandstone Soft Gray
78.6	663.8	Shale
80.8	661.6	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-054-27 W4M**

Well Number **02941**

Well Owner: **Yakimchuk, Elmer**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **763**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **264178**  
 Easting: **68,048.84**  
 Northing: **5,941,008.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>05 Nov 75</b>	
pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>875.0</b>	SAR	Nickel
TDS	<b>446.0</b>	TKN	Selenium
Sodium	<b>69.92</b>	Nitrate	Strontium
Potassium	<b>12.51</b>	Nitrite	Molybdenum
Calcium	<b>71.94</b>	TN	Vanadium
Magnesium	<b>13.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>311.15</b>	Arsenic	Total Hardness <b>233.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>96.06</b>	Beryllium	Phosphate
Chloride	<b>29.07</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.84</b>	Chromium	Amm. Nitrogen
Iron	<b>0.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>255.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02942**

Well Owner: **Ackman, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261120**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>17 May 83</b>	
pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>798.0</b>	SAR	Nickel
TDS	<b>480.0</b>	TKN	Selenium
Sodium	<b>198.03</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>496.62</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>34.10</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.29</b>	Chromium	Amm. Nitrogen
Iron	<b>0.16</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>18.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02943**

Well Owner: **Bedwin, Wm**

Elevation (AMSL) (m): **762**

AEP: **261096**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **67,871.70**

Date Started: **21 May 74**

Northing: **5,940,713.00**

Date Completed: **02 Jul 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **70.1** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **70.1**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	756.1	Clay & Rocks
18.3	743.9	Sandstone Very Fine Grained
19.2	743.0	Coal
19.8	742.4	Shale Brown
30.5	731.7	Shale & Sandstone
32.9	729.3	Shale Gray
36.9	725.3	Shale Brown
38.4	723.8	Coal
59.4	702.8	Shale & Sandstone
70.1	692.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02944**

Well Owner: **Bremec, K.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **264209**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **80.5** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **80.5**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **03 May 76**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>750.0</b>	SAR	Nickel
TDS <b>544.0</b>	TKN	Selenium
Sodium <b>166.98</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>50.10</b>	TN	Vanadium
Magnesium <b>5.96</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>477.71</b>	Arsenic	Total Hardness <b>151.00</b>
Aluminum	Barium	Manganese
Sulphate <b>84.05</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.08</b>
Fluoride <b>0.14</b>	Chromium	Amm. Nitrogen
Iron <b>0.30</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>392.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02945**

Well Owner: **Brulotte, Tedd**

Elevation (AMSL) (m): **752**

AEP: **261101**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **67,843.43**

Date Started: **19 Jul 74**

Northing: **5,940,457.00**

Date Completed: **21 Jul 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **64.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.0**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **61.6** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	747.5	Clay & Rocks
6.1	746.3	Shale Brown
11.6	740.8	Sandstone Very Fine Grained
13.4	739.0	Shale Brown
20.1	732.3	Sandstone Gray
20.7	731.7	Coal
32.0	720.4	Sandstone & Shale Strg'S
33.2	719.2	Shale Brown
58.8	693.6	Shale & Sandstone
59.7	692.7	Coal
61.0	691.4	Shale Brown
64.0	688.4	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 06-054-27 W4M**

Well Number **02946**

Well Owner: **Chychul, Barry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261128**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02947**

Well Owner: **Drake, Charles J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261105**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Mar 79**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>716.0</b>	SAR	Nickel
TDS <b>439.0</b>	TKN	Selenium
Sodium <b>17.02</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>115.03</b>	TN	Vanadium
Magnesium <b>31.98</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>397.79</b>	Arsenic	Total Hardness <b>420.00</b>
Aluminum	Barium	Manganese
Sulphate <b>73.97</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.13</b>
Fluoride <b>0.32</b>	Chromium	Amm. Nitrogen
Iron <b>5.36</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>327.0</b>
Silica <b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02948**

Well Owner: **Fair, Norman**

Elevation (AMSL) (m): **766**

AEP: **261114**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **30 Jul 79**

Northing: **5,940,644.50**

Date Completed: **31 Jul 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **89.6** (m)  
 NPWL (m): **49.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **58.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **88.7**  
 Perforated How: **Torch**  
 from (m): **58.8** to **58.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **62.5** Drawdown (m): **13.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.1	749.4	Clay Yellow
18.3	747.3	Shale Green
19.8	745.7	Shale Brittle
21.3	744.2	Shale Sandy Gray
22.6	743.0	Shale Brittle
25.0	740.6	Shale Brown
25.9	739.6	Shale Brittle
27.1	738.4	Shale Green
39.6	725.9	Shale Brittle
49.7	715.9	Shale Brownish Green
50.3	715.3	Shale Dark Gray
51.8	713.7	Shale Sandy Gray
54.9	710.7	Shale Dark Gray
55.2	710.4	Shale Brown
61.0	704.6	Shale Green
61.6	704.0	Shale Dark Gray
64.3	701.2	Shale Sandy Gray
68.9	696.7	Shale Gray
70.4	695.1	Shale & Coal Brown
71.0	694.5	Shale Green
75.9	689.7	Shale Dark Gray
76.8	688.7	Shale Sandy Gray
89.6	675.9	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02949**

Well Owner: **Frey, Dan**

Elevation (AMSL) (m): **766**

AEP: **271532**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **18 Sep 75**

Northing: **5,940,644.50**

Date Completed: **22 Sep 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **59.4**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **59.4** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	756.4	Clay Sandy Yellow
13.7	751.8	Clay Blue
14.9	750.6	Clay & Gravel Pea Yellow
23.8	741.8	Clay Yellow
27.4	738.1	Shale Dark Gray
35.7	729.9	Shale Brittle Greenish Gray
36.6	729.0	Shale Sandy Gray
46.0	719.5	Shale Dark Gray
47.6	718.0	Shale Light Gray
59.7	705.8	Shale Brittle Gray
60.7	704.9	Shale Green
62.8	702.8	Coal
65.2	700.3	Shale & Coal Dark Gray
66.1	699.4	Shale Brittle Gray
69.2	696.4	Shale Sandy Gray
73.5	692.1	Shale Brittle Gray
75.0	690.6	Coal
79.8	685.7	Shale & Coal Sandy Gray
83.5	682.0	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02950**

Well Owner: **Hein, Reinhold**

Elevation (AMSL) (m): **766**

AEP: **264213**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **25 Jul 75**

Northing: **5,940,644.50**

Date Completed: **28 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **46.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **46.0** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **59.4** Drawdown (m): **41.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	759.4	Clay Yellow
9.1	756.4	Clay Blue
12.2	753.4	Clay Yellow
23.5	742.1	Clay Blue
25.9	739.6	Shale Gray
39.6	725.9	Shale Brittle Gray
41.8	723.8	Shale Dark Gray
43.3	722.3	Shale Sandy Gray
44.8	720.7	Shale Dark Gray
45.1	720.4	Coal
48.2	717.4	Shale Green
48.5	717.1	Coal
50.3	715.3	Shale Green
53.0	712.5	Shale Dark Gray
54.3	711.3	Shale Sandy Gray
54.6	711.0	Hard Ledges
55.8	709.8	Shale Brittle Gray
58.5	707.0	Shale Green
60.7	704.9	Shale Dark Gray
62.8	702.8	Coal
63.4	702.1	Shale Dark Gray
65.8	699.7	Shale Green
68.9	696.7	Shale Sandy Gray
74.4	691.2	Shale Dark Gray

Laboratory: **28 Oct 75**

pH (pH unit)	<b>8.70</b>	COD	Mercury
Cond. (µS/cm)	<b>920.0</b>	SAR	Nickel
TDS	<b>633.0</b>	TKN	Selenium
Sodium	<b>161.92</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>110.02</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>560.07</b>	Arsenic	Total Hardness <b>310.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>55.23</b>	Beryllium	Phosphate
Chloride	<b>19.85</b>	Cadium	Ion Balance <b>1.13</b>
Fluoride	<b>1.80</b>	Chromium	Amm. Nitrogen
Iron	<b>2.00</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>460.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02951**

Well Owner: **Huizinga, Melle**

Elevation (AMSL) (m): **766**

AEP: **271534**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **10 Apr 78**

Northing: **5,940,644.50**

Date Completed: **11 Apr 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to **41.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **41.2** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	756.4	Clay Yellow
16.8	748.8	Clay Blue
18.3	747.3	Clay Yellow
19.8	745.7	Clay Blue
26.5	739.0	Clay Sandy Yellow
29.9	735.7	Shale Gray
36.6	729.0	Shale Greenish Gray
37.2	728.4	Clay Yellow
38.4	727.1	Shale Gray
39.3	726.2	Shale Brown
41.2	724.4	Shale Green
42.7	722.9	Shale Greenish Gray
47.6	718.0	Shale Sandy Gray
51.8	713.7	Shale Greenish Gray
52.1	713.4	Coal
55.5	710.1	Shale & Coal Brown
68.0	697.6	Shale Gray
69.5	696.1	Shale & Coal Brown
71.6	693.9	Shale Green
73.2	692.4	Shale Brown
76.8	688.7	Shale Greenish Gray
80.8	684.8	Shale Dark Gray
82.3	683.3	Shale & Coal Brown
83.5	682.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02952**

Well Owner: **Johansson, Tony & Janet**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261125**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Dec 86**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>1003</b>	SAR	Nickel
TDS <b>617.0</b>	TKN	Selenium
Sodium <b>250.01</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>585.09</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>74.93</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.09</b>	Chromium	Amm. Nitrogen
Iron <b>0.07</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>480.0</b>
Silica <b>16.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02953**

Well Owner: **Kalynchuk, Dennis**

Elevation (AMSL) (m): **766**

AEP: **264221**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **28 Sep 81**

Northing: **5,940,644.50**

Date Completed: **29 Sep 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **78.9** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to **47.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Torch**  
 from (m): **47.2** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	757.9	Clay & Rocks Yellow
14.6	750.9	Clay Blue
33.5	732.0	Clay Yellow
34.4	731.1	Shale Green
35.0	730.5	Shale Sandy Gray
36.3	729.3	Shale Brittle Gray
46.3	719.2	Shale Green
46.9	718.6	Shale Brown
49.1	716.5	Shale Green
50.9	714.6	Shale Sandy Gray
51.5	714.0	Shale Green
54.0	711.6	Sandstone
56.1	709.5	Shale & Coal Brown
57.9	707.6	Shale Sandy Gray
59.4	706.1	Shale Brown
60.7	704.9	Shale Greenish Gray
63.7	701.8	Shale Sandy Gray
66.8	698.8	Shale Gray
68.6	697.0	Shale & Coal Soft Brown
72.2	693.3	Shale Greenish Gray
77.1	688.4	Sandstone
78.9	686.6	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 06-054-27 W4M**

Well Number **02954**

Well Owner: **Kerr, Tom**

Elevation (AMSL) (m): **766**

AEP: **261116**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **03 Oct 80**

Northing: **5,940,644.50**

Date Completed: **06 Oct 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **60.4**  
 Perforated How: **Torch**  
 from (m): **49.4** to **55.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Southern**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	750.9	Clay Sandy
17.1	748.5	Sand
28.7	736.9	Clay Sandy
29.6	736.0	Coal
33.2	732.3	Clay
36.9	728.7	Shale
41.8	723.8	Sandstone
50.3	715.3	Shale
55.5	710.1	Sandstone
60.7	704.9	Shale
64.0	701.5	Sandstone
82.3	683.3	Shale
86.0	679.6	Sandstone
93.0	672.6	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02955**

Well Owner: **Kinnear, Mr. A.J.**

Elevation (AMSL) (m): **766**

AEP: **271531**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **08 Jul 75**

Northing: **5,940,644.50**

Date Completed: **10 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **53.6**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Torch**  
 from (m): **53.6** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **25.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	747.3	Clay Yellow
24.1	741.5	Shale Green
26.5	739.0	Shale Dark Gray
32.0	733.5	Shale Sandy Gray
40.8	724.7	Shale Brittle
43.9	721.7	Clay Blue
47.2	718.3	Shale Brittle Gray
54.0	711.6	Shale Greenish Gray
55.5	710.1	Shale Sandy Gray
57.6	707.9	Shale Brittle Gray
58.8	706.7	Shale & Coal Brown
60.0	705.5	Shale Sandy Gray
63.7	701.8	Shale Dark Gray
64.3	701.2	Shale Sandy Gray
68.0	697.6	Shale Brittle Gray
68.9	696.7	Shale Sandy Gray
70.7	694.8	Shale Dark Gray
71.3	694.2	Coal
72.2	693.3	Shale Brown
74.4	691.2	Shale Brittle Gray
77.7	687.8	Shale Greenish Gray
80.8	684.8	Shale Brown
82.3	683.3	Shale Green
83.5	682.0	Hard Ledges

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02956**

Well Owner: **La Bonte**

Elevation (AMSL) (m): **779**

AEP: **261072**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **67,501.23**

Date Started: **07 Oct 75**

Northing: **5,940,985.50**

Date Completed: **11 Oct 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **62.2**  
 Perforated How: **Torch**  
 from (m): **42.7** to **62.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	774.5	Clay & Rocks
9.4	769.6	Sand
12.2	766.8	Clay & Rocks
15.2	763.8	Sand
18.3	760.7	Clay & Rocks
25.9	753.1	Sand & Gravel
33.2	745.8	Clay
45.7	733.3	Sandstone Soft Gray
64.9	714.1	Shale Green

Laboratory:		<b>10 Apr 78</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>957.0</b>	SAR	Nickel
TDS	<b>578.0</b>	TKN	Selenium
Sodium	<b>54.05</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>130.06</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>568.61</b>	Arsenic	Total Hardness <b>448.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>80.21</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>2.85</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>467.0</b>
Silica	<b>17.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02957**

Well Owner: **Manning, L.E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **282090**  
 Easting: **67,606.87**  
 Northing: **5,940,652.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>03 Nov 81</b>	
pH (pH unit)	<b>8.80</b>	COD	Mercury
Cond. (µS/cm)	<b>977.0</b>	SAR	Nickel
TDS	<b>570.0</b>	TKN	Selenium
Sodium	<b>233.91</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate	<b>18.00</b>	DIC	Hydroxide
Bicarbonate	<b>491.74</b>	Arsenic	Total Hardness <b>12.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>64.84</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>2.07</b>	Chromium	Amm. Nitrogen
Iron	<b>0.12</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>434.0</b>
Silica	<b>8.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02958**

Well Owner: **Mcconnell, J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261118**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **29 Mar 83**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>885.0</b>	SAR	Nickel
TDS	<b>514.0</b>	TKN	Selenium
Sodium	<b>212.06</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>586.92</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.93</b>
Fluoride	<b>2.80</b>	Chromium	Amm. Nitrogen
Iron	<b>0.05</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>488.0</b>
Silica	<b>7.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02959**

Well Owner: **Mcneill, William**

Elevation (AMSL) (m): **766**

AEP: **271533**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **30 Nov 77**

Northing: **5,940,644.50**

Date Completed: **02 Dec 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Unknown**  
 from (m): **42.7** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	754.9	Clay	Yellow	
24.4	741.2	Clay	Blue	
37.2	728.4	Clay	Yellow	
39.6	725.9	Shale	Green	
42.4	723.2	Shale	Sandy Gray	
44.2	721.4	Shale	Greenish Gray	
45.4	720.1	Shale	Dark Gray	
50.9	714.6	Shale	Sandy Gray	
54.9	710.7	Shale & Coal	Brown	
61.0	704.6	Shale	Dark Gray	
63.1	702.5	Shale & Coal	Brown	
65.2	700.3	Shale	Greenish Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 06-054-27 W4M**

Well Number **02960**

Well Owner: **Press, Mike**

Elevation (AMSL) (m): **766**

AEP: **261085**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **67,606.87**

Date Started: **01 Oct 76**

Northing: **5,940,644.50**

Date Completed: **01 Oct 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **32.3**  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	757.9	Clay
22.9	742.7	Clay Sandy
38.1	727.4	Shale
39.6	725.9	Sandstone
42.7	722.9	Shale
43.3	722.3	Coal
51.2	714.3	Shale
52.4	713.1	Sandstone
54.9	710.7	Shale
59.4	706.1	Sandstone
64.0	701.5	Shale

Laboratory: **16 Mar 77**

pH (pH unit)	<b>8.80</b>	COD	Mercury
Cond. (µS/cm)	<b>885.0</b>	SAR	Nickel
TDS	<b>528.0</b>	TKN	Selenium
Sodium	<b>210.91</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>4.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>26.10</b>	DIC	Hydroxide
Bicarbonate	<b>444.76</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>62.92</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>1.85</b>	Chromium	Amm. Nitrogen
Iron	<b>0.64</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>408.0</b>
Silica	<b>7.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02961**

Well Owner: **Press, Mike**

Elevation (AMSL) (m): **766**

AEP: **261088**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **67,606.87**

Date Started: **01 Oct 76**

Northing: **5,940,644.50**

Date Completed: **01 Oct 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **540.0**  
 Level End (m): **56.4** Drawdown (m): **38.4**  
 Rec'd intake (m): **56.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
12.2	753.4		Clay
13.1	752.4		Gravel
31.7	733.8		Clay
32.3	733.2		Coal
43.6	722.0		Shale
45.4	720.1		Sandstone
60.0	705.5		Shale
64.6	700.9		Sandstone
75.6	690.0		Shale
78.0	687.5		Sandstone
86.9	678.7		Shale
94.5	671.1		Shale & Sandstone Thin

Laboratory: **16 Mar 77**

pH (pH unit)	<b>8.80</b>	COD	Mercury
Cond. (µS/cm)	<b>950.0</b>	SAR	Nickel
TDS	<b>567.0</b>	TKN	Selenium
Sodium	<b>230.00</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>27.90</b>	DIC	Hydroxide
Bicarbonate	<b>461.85</b>	Arsenic	Total Hardness <b>12.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>73.01</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>1.79</b>	Chromium	Amm. Nitrogen
Iron	<b>0.63</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>425.0</b>
Silica	<b>8.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 06-054-27 W4M**

Well Number **02962**

Well Owner: **Redel, Bob**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261076**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Clay Cap**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>04 Dec 76</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>920.0</b>	SAR	Nickel
TDS	<b>622.0</b>	TKN	Selenium
Sodium	<b>218.04</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>5.01</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>577.15</b>	Arsenic	Total Hardness <b>30.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>108.07</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.86</b>
Fluoride	<b>0.62</b>	Chromium	Amm. Nitrogen
Iron	<b>1.33</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>473.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02963**

Well Owner: **Ripley, Cliff**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261124**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **99.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **06 Aug 85**

pH (pH unit) <b>8.80</b>	COD	Mercury
Cond. (µS/cm) <b>869.0</b>	SAR	Nickel
TDS <b>512.0</b>	TKN	Selenium
Sodium <b>200.10</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>18.00</b>	DIC	Hydroxide
Bicarbonate <b>452.08</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>68.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.93</b>
Fluoride <b>1.90</b>	Chromium	Amm. Nitrogen
Iron <b>0.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>401.0</b>
Silica <b>7.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02964**

Well Owner: **Spaans, P.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261122**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>14 Sep 84</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>981.0</b>	SAR	Nickel
TDS	<b>607.0</b>	TKN	Selenium
Sodium	<b>243.11</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>568.61</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>80.21</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>467.0</b>
Silica	<b>18.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02965**

Well Owner: **Terpstra, Karl**

Elevation (AMSL) (m): **766**

AEP: **264229**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,606.87**

Date Started: **15 Jul 75**

Northing: **5,940,644.50**

Date Completed: **21 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **87.2**  
 Perforated How: **Torch**  
 from (m): **53.6** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **49.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	761.0	Clay & Rocks Yellow
17.4	748.2	Clay & Shale Blue
19.5	746.0	Shale Green
21.0	744.5	Shale Sandy Gray
31.1	734.5	Shale Green
39.0	726.5	Shale Dark Gray
40.8	724.7	Clay Blue
44.2	721.4	Shale Greenish Gray
44.8	720.7	Coal
47.2	718.3	Shale Brittle Gray
54.3	711.3	Shale Brownish Gray
56.1	709.5	Shale Sandy Gray
61.0	704.6	Shale Brownish Green
62.8	702.8	Shale & Coal Brown
64.0	701.5	Shale Sandy Gray
68.3	697.3	Shale Dark Gray
70.4	695.1	Shale Sandy Gray
72.2	693.3	Shale Brittle Gray
74.4	691.2	Shale Green
77.4	688.1	Shale Brittle Gray
80.5	685.1	Shale Green
81.7	683.9	Shale Sandy Gray
85.3	680.2	Shale Dark Gray
85.6	679.9	Shale Green
86.6	679.0	Shale Brown
88.1	677.5	Shale Sandy Gray

<b>Laboratory:</b>			<b>26 Aug 82</b>
pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>924.0</b>	SAR	Nickel
TDS	<b>549.0</b>	TKN	Selenium
Sodium	<b>224.02</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>4.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>607.66</b>	Arsenic	Total Hardness <b>10.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>14.89</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>2.52</b>	Chromium	Amm. Nitrogen
Iron	<b>0.08</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>505.0</b>
Silica	<b>7.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02966**

Well Owner: **Thomas, W.A.**

Elevation (AMSL) (m): **766**

AEP: **261113**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **67,606.87**

Date Started:

Northing: **5,940,644.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>19 Apr 79</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>912.0</b>	SAR	Nickel
TDS	<b>568.0</b>	TKN	Selenium
Sodium	<b>77.05</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>119.04</b>	TN	Vanadium
Magnesium	<b>20.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>552.14</b>	Arsenic	Total Hardness <b>378.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>76.85</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>8.27</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>453.0</b>
Silica	<b>12.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-27 W4M**

Well Number **02967**

Well Owner: **Thurner, Fred**

Elevation (AMSL) (m): **770**

AEP: **261077**

Drilling Contractor: *Ferland Enterprises*

Licence No.:

Easting: **67,727.38**

Date Started: **08 Jul 76**

Northing: **5,940,850.00**

Date Completed: **08 Jul 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **21.3**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	<u>Lithologic Description</u>
(m)	(m)	
19.8	749.8	Clay
76.2	693.5	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 06-054-27 W4M**

Well Number **02968**

Well Owner: **Turnock, G.T.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261121**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>16 Nov 83</b>	
pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>960.0</b>	SAR	Nickel
TDS	<b>552.0</b>	TKN	Selenium
Sodium	<b>224.02</b>	Nitrate	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>14.10</b>	DIC	Hydroxide
Bicarbonate	<b>596.68</b>	Arsenic	Total Hardness <b>7.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>14.89</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride	<b>2.25</b>	Chromium	Amm. Nitrogen
Iron	<b>0.17</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>513.0</b>
Silica	<b>7.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02969**

Well Owner: **Wagner, R.**

Elevation (AMSL) (m): **766**

AEP: **261074**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **67,606.87**

Date Started:

Northing: **5,940,644.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **05 Feb 75**

pH (pH unit) <b>7.30</b>	COD	Mercury
Cond. (µS/cm) <b>820.0</b>	SAR	Nickel
TDS <b>536.0</b>	TKN	Selenium
Sodium <b>26.91</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>138.08</b>	TN	Vanadium
Magnesium <b>27.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>521.64</b>	Arsenic	Total Hardness <b>460.00</b>
Aluminum	Barium	Manganese
Sulphate <b>80.21</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>0.17</b>	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>428.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**SW 06-054-27 W4M**

Well Number **02970**

Well Owner: **Wagner, Raymond**

Elevation (AMSL) (m): **777**

AEP: **261079**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,272.10**

Date Started: **24 Apr 75**

Northing: **5,940,865.00**

Date Completed: **30 Apr 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **54.6** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Mcdougall** Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **30.5**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	768.3	Clay Sandy Yellow
14.9	761.9	Clay Blue
15.2	761.6	Clay & Sandstone Yellow
18.3	758.6	Sand & Sandstone
23.5	753.4	Gravel
35.0	741.8	Clay & Sandstone Yellow
36.3	740.6	Shale Green
37.2	739.7	Shale Dark Gray
37.8	739.1	Clay Yellow
38.1	738.8	Shale Dark Gray
41.2	735.7	Sand Yellow
42.4	734.5	Clay & Shale Gray
46.9	729.9	Sand Yellow
47.6	729.3	Shale & Sandstone Gray
51.2	725.7	Shale Brittle Gray
51.8	725.0	Shale Green
54.9	722.0	Shale & Sandstone Dark Gray
55.8	721.1	Shale & Coal Brownish Gray
58.5	718.3	Sandstone
65.5	711.3	Shale Dark Gray
68.3	708.6	Shale & Coal Hard Brown
70.1	706.8	Shale Green
73.2	703.7	Shale Brown
80.2	696.7	Shale Dark Gray
81.7	695.2	Shale & Coal Brown
83.5	693.3	Shale Dark Gray

Laboratory: **18 Jun 75**

pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1050</b>	SAR	Nickel
TDS	<b>667.0</b>	TKN	Selenium
Sodium	<b>221.03</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>42.08</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>627.18</b>	Arsenic	Total Hardness <b>124.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>80.21</b>	Beryllium	Phosphate
Chloride	<b>6.03</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride		Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>514.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02971**

Well Owner: **Waters, AI**

Elevation (AMSL) (m): **759**

AEP: **261100**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **67,861.29**

Date Started: **18 Jun 74**

Northing: **5,940,627.00**

Date Completed: **19 Jun 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **64.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.0**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **57.0** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	753.8	Clay & Rocks
11.6	747.4	Sand
13.4	745.5	Clay Sandy
24.4	734.6	Sandstone Very Fine Grained
55.5	703.5	Sandstone & Shale Strg'S
56.1	702.9	Shale Brown
57.0	701.9	Coal
59.4	699.5	Shale Brown
64.0	694.9	Sandstone

<b>Laboratory:</b>			<b>19 Dec 85</b>
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>945.0</b>	SAR	Nickel
TDS	<b>576.0</b>	TKN	Selenium
Sodium	<b>100.05</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>103.01</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>561.90</b>	Arsenic	Total Hardness <b>319.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>76.85</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>4.37</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>461.0</b>
Silica	<b>13.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02972**

Well Owner: **Woymarowich, Lorne**

Elevation (AMSL) (m): **766**

AEP: **261091**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **67,606.87**

Date Started: **01 Sep 76**

Northing: **5,940,644.50**

Date Completed: **01 Sep 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **41.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **41.2**                      Bottom (m): **41.2**  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m):                      to **0.3**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **SI**  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **20.5**                      Time (minute): **360.0**  
 Level End (m): **41.2**                      Drawdown (m):  
 Rec'd intake (m): **39.6**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
5.8	759.8		Clay
7.6	757.9		Sand
20.7	744.8		Clay
21.3	744.2		Sandstone
31.4	734.2		Clay
40.5	725.0		Sandstone
40.8	724.7		Coal
41.2	724.4		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-054-27 W4M**

Well Number **02973**

Well Owner: **Yvan, Roy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261126**  
 Easting: **67,606.87**  
 Northing: **5,940,644.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **29 Mar 83**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>933.0</b>	SAR	Nickel
TDS <b>552.0</b>	TKN	Selenium
Sodium <b>69.00</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>111.02</b>	TN	Vanadium
Magnesium <b>18.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>558.85</b>	Arsenic	Total Hardness <b>355.00</b>
Aluminum	Barium	Manganese
Sulphate <b>74.93</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.94</b>
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>459.0</b>
Silica <b>12.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**WH 06-054-27 W4M**

Well Number **02974**

Well Owner: **Osborne Bros.**

Elevation (AMSL) (m): **778**

AEP: **261130**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,586.58**

Date Started:

Northing: **5,940,962.50**

Date Completed: **07 Sep 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.5** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **90.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Unknown**  
 from (m): **45.4** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **630.0**  
 Level End (m): **48.8** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.2	765.5	Clay Yellow
22.9	754.8	Sand
30.5	747.2	Clay Blue
36.6	741.1	Shale Sandy Gray
41.2	736.6	Shale Gray
46.0	731.7	Shale Brittle Gray
48.8	728.9	Shale Sandy Gray
49.1	728.6	Shale Dark Gray
51.8	725.9	Sand & Shale Water Bearing Gra
55.2	722.5	Shale Dark Gray
56.1	721.6	Shale & Coal Brown
59.7	718.0	Shale Gray
65.2	712.5	Sand & Shale Gray
65.5	712.2	Shale Dark Gray
68.3	709.4	Shale Green
71.3	706.4	Shale Brown
73.2	704.6	Sand & Shale Water Bearing Gra
73.5	704.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-07-054-27 W4M

Well Number 02975

Well Owner: **Panasiuk, Joe**

Elevation (AMSL) (m): **774**

AEP: **261241**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **68,606.65**

Date Started: **18 Feb 85**

Northing: **5,943,293.50**

Date Completed: **19 Feb 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **39.0** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **37.8** to **39.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	756.6	Clay
24.4	749.9	Clay & Sand
27.4	746.9	Sand
35.0	739.3	Clay & Sand Brown
36.3	738.0	Sand
37.2	737.1	Clay
39.0	735.3	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-054-27 W4M**

Well Number **02979**

Well Owner: **Moore, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **779**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261193**  
 Easting: **67,297.82**  
 Northing: **5,942,955.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 07-054-27 W4M**

Well Number **02980**

Well Owner: **Andrew, Betty**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **784**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **161748**  
 Easting: **68,124.07**  
 Northing: **5,942,234.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 07-054-27 W4M**

Well Number **02981**

Well Owner: **Christensen, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **773**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261190**  
 Easting: **68,438.48**  
 Northing: **5,942,299.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>16 Jul 84</b>	
pH (pH unit)	<b>7.10</b>	COD	Mercury
Cond. (µS/cm)	<b>889.0</b>	SAR	Nickel
TDS	<b>546.0</b>	TKN	Selenium
Sodium	<b>11.04</b>	Nitrate	Strontium
Potassium	<b>4.30</b>	Nitrite	Molybdenum
Calcium	<b>140.08</b>	TN	Vanadium
Magnesium	<b>35.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>544.82</b>	Arsenic	Total Hardness <b>494.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>85.97</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.22</b>	Chromium	Amm. Nitrogen
Iron	<b>0.23</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>447.0</b>
Silica	<b>20.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 07-054-27 W4M**

Well Number **02982**

Well Owner: **Durand, Don**  
 Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **771**      AEP: **152138**  
 Licence No.:      Easting: **68,436.24**  
 Date Started: **05 Jun 90**      Northing: **5,942,103.91**  
 Date Completed: **07 Jun 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm):      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)      Lithologic Description**

6.1	765.2	Clay Yellow
7.6	763.7	Clay Sandy Red
13.7	757.6	Clay Blue
14.3	757.0	Shale Green
18.9	752.4	Shale Gray
29.0	742.4	Shale Sandy Gray
44.2	727.1	Shale Green
48.8	722.5	Shale & Coal Sandy
54.9	716.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02983**

Well Owner: **Durand, Don**

Elevation (AMSL) (m): **771**

AEP: **152137**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,436.24**

Date Started: **01 Jun 90**

Northing: **5,942,103.91**

Date Completed: **05 Jun 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
30.5	740.8	Clay Yellow
32.0	739.3	Shale Gray
33.5	737.8	Shale Green
36.6	734.7	Shale Sandy Gray
38.1	733.2	Shale
40.5	730.8	Shale Gray
48.2	723.1	Shale Sandy Gray
48.8	722.5	Shale Green
54.9	716.4	Shale
57.3	714.0	Shale Soft Green
58.8	712.5	Shale Sandy Gray
62.5	708.8	Shale Green
68.6	702.7	Shale Gray
91.4	679.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 07-054-27 W4M**

Well Number **02984**

Well Owner: **Durand, Don**

Elevation (AMSL) (m): **770**

AEP: **152391**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,630.09**

Date Started: **08 Jun 90**

Northing: **5,942,596.00**

Date Completed: **13 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **106.4** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **76.2** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **105.5**  
 Perforated How: **Machine**  
 from (m): **76.2** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **79.2**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	762.7			Clay Soft Yellow
8.5	761.8			Sand Coarse Grained
11.6	758.8			Clay Stoney Yellow
18.3	752.1			Clay Blue
22.9	747.5			Shale Gray
30.5	739.9			Shale Sandy Gray
32.0	738.4			Shale Green
42.7	727.7			Shale Gray
48.8	721.6			Shale Sandy Gray
50.3	720.1			Shale Brown
58.5	711.8			Shale Sandy Gray
61.0	709.4			Shale Gray
66.1	704.2			Shale Sandy Gray
71.3	699.0			Shale Gray
73.2	697.2			Shale Sandy Gray
82.3	688.1			Shale Gray
83.5	686.9			Shale Green
86.0	684.4			Shale Sandy Gray
87.8	682.6			Shale Gray
106.4	664.0			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02985**

Well Owner: **Johnson, Doug**

Elevation (AMSL) (m): **776**

AEP: **166302**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **68,488.84**

Date Started: **25 May 92**

Northing: **5,942,414.50**

Date Completed: **25 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Benseal**  
 from (m): to **20.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **21.9** to **23.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.9**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **20.4** Drawdown (m): **0.3**  
 Rec'd intake (m): **21.9** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	768.7	Clay & Sand Brown
10.7	765.6	Sand
15.2	761.1	Sand Coarse Grained
17.1	759.2	Gravel
17.7	758.6	Shale Gray
21.3	755.0	Sand & Rocks
24.1	752.2	Sand Coarse Grained
26.5	749.8	Shale Gray
28.0	748.3	Shale Silty Green
30.5	745.8	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02986**

Well Owner: **Johnson, Doug**

Elevation (AMSL) (m): **775**

AEP: **217355**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **68,464.28**

Date Started: **14 Jul 93**

Northing: **5,942,558.00**

Date Completed: **14 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **11.0** to **12.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.0** to **30.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **26.2** Drawdown (m): **2.7**  
 Rec'd intake (m): **28.4** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	772.1			Clay Brown
3.4	771.5			Sand
12.5	762.3			Clay
18.3	756.5			Sand
25.9	748.9			Clay Silty Gray
28.0	746.8			Sand Fine Grained
31.1	743.7			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 07-054-27 W4M**

Well Number **02987**

Well Owner: **Johnson, Doug**

Elevation (AMSL) (m): **773**

AEP: **169799**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **68,572.36**

Date Started: **28 Oct 92**

Northing: **5,942,199.50**

Date Completed: **29 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **23.5** to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **48.8**  
 Perforated How: **Saw**  
 from (m): **30.5** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **41.2** Drawdown (m): **11.6**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	764.9	Clay & Rocks Brown
9.4	764.0	Clay Gray
10.7	762.8	Clay Silty Brown
15.9	757.6	Clay Gray
19.8	753.7	Sandstone
21.9	751.5	Shale Brown
23.2	750.3	Sandstone Gray
25.3	748.2	Shale Green
27.1	746.3	Sandstone Gray
30.2	743.3	Shale Fractured
30.8	742.7	Coal
32.9	740.5	Sandstone Gray
38.1	735.4	Shale Gray
39.6	733.8	Coal
42.1	731.4	Shale Green
46.9	726.5	Sandstone Gray
48.8	724.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 07-054-27 W4M**

Well Number **02988**

Well Owner: **Singing Hills Devel Ltd**

Elevation (AMSL) (m): **773**

AEP: **261183**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **68,438.48**

Date Started: **19 Mar 76**

Northing: **5,942,299.00**

Date Completed: **23 Mar 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **41.5** to **42.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **43.3** Time (minute): **480.0**  
 Level End (m): **36.0** Drawdown (m): **9.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	766.6	Clay & Sand Fine Grained Brown
29.0	743.8	Clay & Silt Soft Brown
44.2	728.6	Sand Coarse Grained Brownish G
45.7	727.0	Clay & Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SE 07-054-27 W4M**

Well Number **02989**

Well Owner: **Smith, Ken**

Elevation (AMSL) (m): **781**

AEP: **280695**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **68,280.05**

Date Started: **29 Jul 94**

Northing: **5,942,447.50**

Date Completed: **30 Jul 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **25.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **32.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **36.6** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **32.6**  
 Rec'd intake (m): **59.4** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.4	772.0			Clay Silty
19.8	761.6			Sand
24.4	757.0			Sandstone Soft Brown
33.5	747.9			Shale
35.4	746.1			Coal
38.1	743.3			Shale
38.4	743.0			Coal
43.3	738.1			Shale
43.9	737.5			Sandstone
48.8	732.7			Shale Fractured
55.2	726.3			Shale & Coal
59.4	722.0			Coal
64.0	717.4			Shale & Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02990**

Well Owner: **Spectrum Const**

Elevation (AMSL) (m): **784**

AEP: **261186**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **68,113.02**

Date Started: **22 May 81**

Northing: **5,942,304.00**

Date Completed: **26 May 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **47.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **41.8** to **43.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	772.0	Clay	Yellow	
15.2	769.0	Sand		
23.5	760.7	Clay	Yellow	
25.9	758.3	Sand		
26.8	757.4	Clay	Yellow	
33.5	750.7	Gravel		
34.4	749.8	Shale	Green	
44.2	740.0	Gravel		
45.7	738.5	Shale	Sandy Gray	
47.2	737.0	Shale	Dark Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 07-054-27 W4M**

Well Number **02991**

Well Owner: **Stanislawski, Bernard**

Elevation (AMSL) (m): **770**

AEP: **261192**

Licence No.:

Easting: **68,463.05**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Date Started: **03 Nov 87**

Northing: **5,942,171.50**

Date Completed: **04 Nov 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **41.2**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **40.8** Bottom (m): **54.9**  
 Perforated How: **Unknown**  
 from (m): **41.2** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **21.3**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

<b>Depth</b>	<b>Elevation</b>	
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	759.7	Clay
16.8	753.6	Sand & Gravel
18.9	751.5	Clay
21.9	748.4	Sand & Gravel
37.8	732.6	Clay
38.7	731.7	Sandstone
49.4	721.0	Shale
51.8	718.6	Coal
54.0	716.4	Shale
54.6	715.8	Coal
54.9	715.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02992**

Well Owner: **Steinislewski, Bernard**

Elevation (AMSL) (m): **781**

AEP: **238759**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **68,234.60**

Date Started: **14 Oct 93**

Northing: **5,942,067.00**

Date Completed: **14 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **25.9** to **27.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **28.0** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **24.4**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.4	771.2	Till Brown
16.5	764.2	Sand Fine Grained Brown
23.5	757.2	Sand Gray
24.7	756.0	Clay Blue
27.1	753.5	Sandstone
28.7	752.0	Sandstone Hard
36.9	743.8	Sandstone Medium Grained
38.1	742.6	Shale Green
42.4	738.3	Sandstone
46.6	734.0	Shale Gray
48.5	732.2	Sandstone
49.7	731.0	Shale Carbonaceous
50.9	729.8	Shale Green
54.0	726.7	Sandstone Medium Grained
54.9	725.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02993**

Well Owner: **Ward, Barry/Michelle**

Elevation (AMSL) (m): **774**

AEP: **162787**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **68,630.09**

Date Started: **10 May 93**

Northing: **5,942,423.00**

Date Completed: **11 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **41.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.5** Bottom (m): **82.3**  
 Perforated How: **Saw**  
 from (m): **67.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **54.9**

**Testing:**

Rate (lpm): **13.7** Time (minute): **1200.0**  
 Level End (m): **51.8** Drawdown (m): **34.1**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

18.9	754.9	Clay Sandy Yellow
20.7	753.1	Sandstone Yellow
25.6	748.2	Sandstone
32.6	741.2	Shale & Coal Brown
36.3	737.5	Shale Gray
42.4	731.4	Shale Greenish Gray
43.3	730.5	Coal
47.9	726.0	Sandstone
49.1	724.7	Coal
56.4	717.4	Shale Greenish Gray
60.4	713.5	Sandstone
68.3	705.5	Shale Gray
68.9	704.9	Coal
72.8	701.0	Sandstone
77.1	696.7	Shale Gray
81.7	692.1	Sandstone
82.3	691.5	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-27 W4M**

Well Number **02994**

Well Owner: **Zoetekouw, Bill**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **773**      AEP: **261188**  
 Licence No.:                      Easting: **68,438.48**  
 Date Started: **01 May 81**      Northing: **5,942,299.00**  
 Date Completed: **04 May 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **21.3**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **47.2**      Bottom (m): **47.2**  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): **39.6**      to **47.2**  
**Liner:**  
 Type:  
 OD (mm): **88.9**      Thickness (mm):  
 Top (m):              Bottom (m): **56.4**  
 Perforated How: **Torch**  
 from (m): **47.2**      to **56.4**      Size:  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Open Hole:**  
 from (m):              to  
**Pump:**  
 Model:                      Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **54.7**              Time (minute): **180.0**  
 Level End (m): **36.6**              Drawdown (m): **15.2**  
 Rec'd intake (m): **39.6**              Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	768.2		Sand
6.7	766.0		Clay
9.1	763.6		Sand
12.8	759.9		Clay
15.2	757.5		Sand Coarse Grained
19.8	752.9		Shale
24.4	748.4		Sandstone
39.9	732.8		Shale
41.2	731.6		Sandstone
43.3	729.5		Shale
46.3	726.4		Sandstone
49.1	723.7		Shale
50.3	722.5		Sandstone
51.2	721.5		Coal
54.3	718.5		Shale
56.4	716.4		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

16-08-054-27 W4M

Well Number 02995

Well Owner: Arc Th#77-77, 430

Elevation (AMSL) (m): 735

AEP: 197035

Licence No.:

Easting: 70,247.16

Drilling Contractor: Unknown Driller

Date Started:

Northing: 5,943,141.91

Date Completed: 20 Jul 77

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **304.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
1.5	733.7	Unknown
4.6	730.7	Till Brown
7.6	727.6	Till Gray
9.1	726.1	Gravel
15.2	720.0	Sandstone Silty Gray
21.3	713.9	Shale Dark Gray
27.4	707.8	Shale Brownish Gray
32.0	703.3	Sandstone Salt & Pepper
35.0	700.2	Shale Brownish Gray
39.6	695.6	Sandstone Silty Light Gray
41.2	694.1	Shale Green
42.7	692.6	Shale & Sandstone Silty Green
45.7	689.5	Sandstone Salt & Pepper
48.8	686.5	Shale Salt & Pepper
50.3	685.0	Shale Brownish Gray
51.8	683.5	Shale & Coal Brownish Gray
53.3	681.9	Shale Silty Light Gray
57.9	677.4	Shale Brownish Gray
59.4	675.8	Shale & Sandstone Silty Light
61.0	674.3	Shale & Sandstone Silty Brown
65.5	669.7	Shale Light Gray
67.1	668.2	Shale Gray
71.6	663.6	Shale Light Gray
73.2	662.1	Shale Bentonitic Light Gray
74.7	660.6	Shale & Sandstone Silty Light
76.2	659.1	Shale Dark Gray
77.7	657.5	Shale Dark Gray
79.2	656.0	Shale & Sandstone Silty Gray
80.8	654.5	Shale Dark Gray
85.3	649.9	Shale Light Gray
88.4	646.9	Sandstone Salt & Pepper
91.4	643.8	Sandstone Medium Grained Gray
93.0	642.3	Shale & Sandstone Brownish Gr
96.0	639.3	Sandstone Medium Grained Gray
97.5	637.7	Siltstone & Sandstone Medium G
100.6	627.1	Sandstone Medium Grained Gray
108.2	627.1	Shale Brownish Gray
109.7	625.5	Shale & Coal Brownish Gray
111.3	624.0	Shale Brownish Gray
114.3	621.0	Shale Silty Light Gray
117.3	617.9	Shale Gray
118.9	616.4	Shale & Coal Carbonaceous
120.4	616.4	Shale Greenish Gray
121.9	613.4	Shale Dark Gray
123.4	611.8	Shale & Sandstone Medium Grain
131.1	604.2	Sandstone Medium Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 08-054-27 W4M**

Well Number **02997**

Well Owner: **Dzioba, Gus/Myrna**

Elevation (AMSL) (m): **735**

AEP: **254349**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **70,229.30**

Date Started: **02 Nov 95**

Northing: **5,942,954.00**

Date Completed: **04 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **89.9** (m)  
 NPWL (m): **14.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.9** Bottom (m): **89.9**  
 Perforated How: **Saw**  
 from (m): **51.8** to **68.3** Size:  
 from (m): **70.7** to **73.2** Size:  
 from (m): **73.2** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **48.2** Drawdown (m): **33.8**  
 Rec'd intake (m): **69.8** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	730.5	Clay Brown
4.6	730.2	Rocks
9.4	725.3	Clay
16.5	718.3	Sand & Gravel
17.7	717.1	Shale Brown
29.9	704.9	Shale Mixed
33.8	701.0	Shale Brownish Gray
34.1	700.7	Coal
47.6	687.2	Shale & Sandstone
52.1	682.7	Shale Gray
62.2	672.6	Sandstone Gray
64.0	670.8	Shale Gray
68.0	666.8	Sandstone Gray
76.8	658.0	Shale Mixed
77.1	657.7	Sandstone Gray
78.0	656.8	Shale Gray
82.3	652.5	Bentonite
83.2	651.6	Sandstone Gray
84.7	650.1	Shale Brown
89.6	645.2	Sandstone Gray
89.9	644.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 08-054-27 W4M**

Well Number **02998**

Well Owner: **Shenfield, John J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **735**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261296**  
 Easting: **70,229.30**  
 Northing: **5,942,954.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **6.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **01 Apr 63**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>398.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>335.00</b>
Aluminum	Barium	Manganese
Sulphate <b>15.85</b>	Beryllium	Phosphate
Chloride <b>49.98</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>320.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-054-27 W4M**

Well Number **02999**

Well Owner: **Shenfield, Mark**

Elevation (AMSL) (m): **735**

AEP: **261292**

Drilling Contractor: *Triple M Drlg*

Licence No.:

Easting: **70,229.30**

Date Started: **28 Sep 77**

Northing: **5,942,954.00**

Date Completed: **30 Sep 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **56.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **480.0**  
 Level End (m): **54.9** Drawdown (m): **36.0**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	722.6			Sand Brown
24.4	710.4			Sand Silty
38.1	696.7			Sand
41.2	693.6			Clay Gray
43.3	691.5			Shale Fractured
54.9	679.9			Sandstone Soft
57.9	676.9			Shale Green
69.2	665.6			Sandstone Gray
74.7	660.1			Shale Gray
78.6	656.2			Shale Sandy Gray
82.3	652.5			Shale Green
88.4	646.4			Shale Gray
91.4	643.4			Sandstone & Coal Gray

Laboratory:

**28 Feb 78**

pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>893.0</b>	SAR	Nickel
TDS	<b>529.0</b>	TKN	Selenium
Sodium	<b>215.97</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>101.10</b>	DIC	Hydroxide
Bicarbonate	<b>488.69</b>	Arsenic	Total Hardness <b>9.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>2.96</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>489.0</b>
Silica	<b>10.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03000**

Well Owner: **Foster, Brad**

Elevation (AMSL) (m): **763**

AEP: **160797**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **69,368.75**

Date Started: **05 Apr 91**

Northing: **5,943,020.50**

Date Completed: **08 Apr 91**

**General:**

Type of Work: **Reconditioned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.6** to **55.8** Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **13.7** Time (minute): **10080.0**  
 Level End (m): **33.5** Drawdown (m): **10.7**  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

*(No Lithologic Information Available)*

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 08-054-27 W4M**

Well Number **03001**

Well Owner: **Guy, Bruce**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261291**  
 Easting: **68,968.35**  
 Northing: **5,942,758.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **16 May 86**

pH (pH unit) <b>7.40</b>	COD	Mercury
Cond. (µS/cm) <b>938.0</b>	SAR	Nickel
TDS <b>562.0</b>	TKN	Selenium
Sodium <b>19.09</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>143.09</b>	TN	Vanadium
Magnesium <b>34.05</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>553.97</b>	Arsenic	Total Hardness <b>497.00</b>
Aluminum	Barium	Manganese
Sulphate <b>88.86</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.13</b>	Chromium	Amm. Nitrogen
Iron <b>1.71</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>454.0</b>
Silica <b>19.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-054-27 W4M**

Well Number **03002**

Well Owner: **Honfield, Brad**

Elevation (AMSL) (m): **764**

AEP: **243931**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **68,999.06**

Date Started: **30 May 94**

Northing: **5,942,929.50**

Date Completed: **30 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m): **21.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **30.2** to **31.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **32.6** to **34.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **31.4**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **31.4** Drawdown (m): **9.8**  
 Rec'd intake (m): **31.4** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.0	745.9	Clay Brownish Yellow
20.7	743.1	Sand & Coal Fine Grained Brown
26.5	737.3	Clay Brownish Yellow
29.3	734.6	Sand Fine Grained Brown
31.1	732.8	Clay Soft Blue
38.7	725.2	Sand & Rocks Gray
41.8	722.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03003**

Well Owner: **Kilgour, William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261277**  
 Easting: **69,188.20**  
 Northing: **5,943,057.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **25 Jan 83**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>853.0</b>	SAR	Nickel
TDS <b>486.0</b>	TKN	Selenium
Sodium <b>13.11</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>120.04</b>	TN	Vanadium
Magnesium <b>27.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>524.08</b>	Arsenic	Total Hardness <b>415.00</b>
Aluminum	Barium	Manganese
Sulphate <b>60.04</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.90</b>
Fluoride <b>0.19</b>	Chromium	Amm. Nitrogen
Iron <b>1.93</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>430.0</b>
Silica <b>19.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-054-27 W4M**

Well Number **03004**

Well Owner: **Lebrun, Jim**

Elevation (AMSL) (m): **762**

AEP: **160363**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **69,371.20**

Date Started: **30 Sep 83**

Northing: **5,943,027.50**

Date Completed: **30 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.6** to **55.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **53.3**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	759.0	Clay Sandy Brown
17.4	744.7	Sand Coarse Grained Brown
21.3	740.7	Clay Brown
27.4	734.6	Sand Coarse Grained Brown
35.0	727.0	Clay Blue
48.2	713.9	Sand & Gravel Coarse Grained G
55.8	706.3	Sand Coarse Grained Gray
56.7	705.4	Gravel
60.4	701.7	Shale
61.9	700.2	Sandstone
64.6	697.4	Shale
64.9	697.1	Coal
72.2	689.8	Shale
76.8	685.2	Sandstone
110.3	651.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03005**

Well Owner: **Lesperance, Lee**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261288**  
 Easting: **69,188.20**  
 Northing: **5,943,057.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **17 Feb 84**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>1062</b>	SAR	Nickel
TDS <b>663.0</b>	TKN	Selenium
Sodium <b>158.01</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>81.96</b>	TN	Vanadium
Magnesium <b>12.04</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>600.95</b>	Arsenic	Total Hardness <b>254.00</b>
Aluminum	Barium	Manganese
Sulphate <b>111.91</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.98</b>
Fluoride <b>0.08</b>	Chromium	Amm. Nitrogen
Iron <b>0.37</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>493.0</b>
Silica <b>12.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 08-054-27 W4M**

Well Number **03006**

Well Owner: **Lw Holdings**

Elevation (AMSL) (m): **764**

AEP: **196777**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **69,188.20**

Date Started: **01 Jul 78**

Northing: **5,943,057.00**

Date Completed: **01 Jul 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **26.8** to **28.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **95.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	751.8	Clay
14.0	749.9	Sand & Gravel
27.7	736.2	Sand
28.0	735.9	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03007**

Well Owner: **Ohneck, Bryce**

Elevation (AMSL) (m): **764**

AEP: **163355**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,188.20**

Date Started: **15 Aug 85**

Northing: **5,943,057.00**

Date Completed: **15 Aug 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.0** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **51.8** to **53.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **11.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.7	735.3	Clay Sandy Brown
36.6	727.4	Clay Sandy Blue
48.8	715.2	Sand Fine Grained Brown
50.3	713.7	Sand Fine Grained Gray
53.0	710.9	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03008**

Well Owner: **Parent, George**

Elevation (AMSL) (m): **764**

AEP: **261284**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **69,188.20**

Date Started: **09 Jan 84**

Northing: **5,943,057.00**

Date Completed: **11 Jan 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **27.1** to **28.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **20.7** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	759.4	Clay Sandy Yellow
24.1	739.9	Clay Hard Yellow
25.3	738.7	Clay Blue
29.6	734.4	Sand & Coal Coarse Grained
35.4	728.6	Clay Hard Blue
36.6	727.4	Gravel

Laboratory:		<b>24 Feb 84</b>	
pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>698.0</b>	SAR	Nickel
TDS	<b>387.0</b>	TKN	Selenium
Sodium	<b>5.06</b>	Nitrate	Strontium
Potassium	<b>4.30</b>	Nitrite	Molybdenum
Calcium	<b>106.01</b>	TN	Vanadium
Magnesium	<b>25.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>447.20</b>	Arsenic	Total Hardness <b>368.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.98</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.30</b>	Chromium	Amm. Nitrogen
Iron	<b>0.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>367.0</b>
Silica	<b>18.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-27 W4M**

Well Number **03009**

Well Owner: **Polzin, Tim**

Elevation (AMSL) (m): **764**

AEP: **261275**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **69,303.66**

Date Started: **29 Jul 81**

Northing: **5,942,848.50**

Date Completed: **04 Aug 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.4** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **47.6** to **49.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	759.0			Clay Brown
7.3	756.3			Clay Blue
33.5	730.1			Sand Silty
45.7	717.9			Sand Fine Grained
49.4	714.2			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-054-27 W4M**

Well Number **03011**

Well Owner: **Sanders, J.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261272**  
 Easting: **69,188.20**  
 Northing: **5,943,057.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>12 Oct 71</b>	
pH (pH unit)	<b>7.00</b>	COD	Mercury
Cond. (µS/cm)	<b>840.0</b>	SAR	Nickel
TDS	<b>830.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>500.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>89.82</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.70</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>465.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-054-27 W4M**

Well Number **03012**

Well Owner: **Stainbrook, Leonard**

Elevation (AMSL) (m): **767**

AEP: **261280**

Licence No.:

Easting: **69,162.41**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **21 Apr 83**

Northing: **5,942,752.50**

Date Completed: **22 Apr 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **42.4** Bottom (m): **42.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **42.4** to **43.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	762.2	Clay & Sandstone Yellow
10.4	756.4	Sand Fine Grained Brown
24.1	742.7	Clay Sandy Yellow
26.5	740.3	Sand Fine Grained Brown
27.4	739.3	Clay Sandy Yellow
32.3	734.5	Sand Brown
36.6	730.2	Clay Sandy Yellow
43.9	722.9	Sand & Coal Coarse Grained
54.9	711.9	Clay Soft Blue

Laboratory:

**13 Jul 83**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>922.0</b>	SAR	Nickel
TDS	<b>542.0</b>	TKN	Selenium
Sodium	<b>20.01</b>	Nitrate	Strontium
Potassium	<b>5.08</b>	Nitrite	Molybdenum
Calcium	<b>133.07</b>	TN	Vanadium
Magnesium	<b>33.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>524.69</b>	Arsenic	Total Hardness <b>468.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>85.01</b>	Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.19</b>	Chromium	Amm. Nitrogen
Iron	<b>1.31</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>431.0</b>
Silica	<b>16.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03013**

Well Owner: **Klem, Ed**

Elevation (AMSL) (m): **766**

AEP: **261267**

Drilling Contractor: *Elliott Drlg*

Licence No.:

Easting: **69,167.86**

Date Started: **06 Aug 79**

Northing: **5,942,394.50**

Date Completed: **10 Aug 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **42.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	761.3	Clay Brown
9.8	756.1	Clay Sandy Brown
11.0	754.9	Gravel
12.2	753.7	Clay Sandy Blue
24.4	741.5	Clay Gray
27.4	738.4	Sand Silty
29.0	736.9	Clay Blue
31.1	734.8	Shale Blue
32.3	733.6	Clay Blue
33.5	732.3	Shale Gray
41.5	724.4	Shale Blue
41.8	724.1	Sandstone
49.1	716.8	Shale Gray
50.9	715.0	Coal
56.1	709.8	Shale Gray
61.3	704.6	Coal
64.0	701.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03014**

Well Owner: **Saunda**  
 Drilling Contractor: *Hokenson Ww Ltd*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Sep 71**  
 AEP: **261263**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **48.5** to **49.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **300.0**  
 Level End (m): **36.6** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
19.8	746.1		Clay
35.0	730.8		Sand Brown
45.4	720.5		Clay
50.3	715.6		Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 08-054-27 W4M**

Well Number **03015**

Well Owner: **Unknown# Site 15**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261258**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	764.7	Till Brown
3.1	762.8	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03016**

Well Owner: **Unknown#Site 10**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261246**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	764.0	Till Greenish Gray
3.1	762.8	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03017**

Well Owner: **Unknown#Site 11**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261248**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **2.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	764.4	Till Greenish Gray
1.8	764.0	Sand & Gravel
2.1	763.7	Silt Light Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03018**

Well Owner: **Unknown#Site 12**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261251**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **1.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	764.4	Till Greenish Gray
1.8	764.0	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03019**

Well Owner: **Unknown#Site 13**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261252**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **1.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
1.8	764.0	Till Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03020**

Well Owner: **Unknown#Site 14**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261255**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	764.7	Till Greenish Gray
3.1	762.8	Silt Sandy Light Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03021**

Well Owner: **Unknown#Site 16**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261260**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	764.7	Till Brown
3.1	762.8	Sand & Silt Very Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-054-27 W4M**

Well Number **03022**

Well Owner: **Unknown#Site 9**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261244**  
 Easting: **69,167.86**  
 Northing: **5,942,394.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	765.3	Silt Light Brown
1.2	764.7	Till Light Brown
1.5	764.4	Sand Fine Grained
3.1	762.8	Silt

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 09-054-27 W4M**

Well Number **03023**

Well Owner: **Fappauf**

Elevation (AMSL) (m): **715**

AEP: **261305**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **71,491.23**

Date Started:

Northing: **5,942,980.50**

Date Completed: **19 May 66**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **78.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **70.4**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **70.4** Drawdown (m): **52.1**  
 Rec'd intake (m): **70.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	706.2	Clay & Boulders
30.2	684.6	Sandstone
51.2	663.6	Shale
52.1	662.6	Coal
58.5	656.2	Shale
69.2	645.6	Sandstone
78.0	636.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-054-27 W4M**

Well Number **03024**

Well Owner: **Meluin, Verbeek**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **721**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **261312**  
 Easting: **70,510.23**  
 Northing: **5,943,126.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>18 Sep 78</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>925.0</b>	SAR	Nickel
TDS	<b>559.0</b>	TKN	<b>0.01</b>
Sodium	<b>198.03</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>20.04</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>555.80</b>	Arsenic	Total Hardness <b>60.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>61.96</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.13</b>	Chromium	Amm. Nitrogen
Iron	<b>5.91</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>456.0</b>
Silica	<b>10.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-054-27 W4M**

Well Number **03025**

Well Owner: **Peter, Verbeek**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **725**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **273090**  
 Easting: **71,840.19**  
 Northing: **5,942,740.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **04 Oct 83**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1137</b>	SAR	Nickel
TDS <b>657.0</b>	TKN	Selenium
Sodium <b>209.99</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>25.05</b>	TN	Vanadium
Magnesium <b>4.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>599.12</b>	Arsenic	Total Hardness <b>83.00</b>
Aluminum	Barium	Manganese
Sulphate <b>109.99</b>	Beryllium	Phosphate
Chloride <b>9.93</b>	Cadium	Ion Balance <b>0.87</b>
Fluoride <b>1.14</b>	Chromium	Amm. Nitrogen
Iron <b>1.33</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>492.0</b>
Silica <b>10.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

05-01-054-28 W4M

Well Number 03342

Well Owner: **Czarnecki, E.**

Elevation (AMSL) (m): **787**

AEP: **262758**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **66,149.91**

Date Started:

Northing: **5,940,736.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **61.0** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **28 Nov 84**

pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>1212</b>	SAR	Nickel
TDS	<b>754.0</b>	TKN	Selenium
Sodium	<b>299.92</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>602.17</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>154.18</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>0.05</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>494.0</b>
Silica	<b>19.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

---01-054-28 W4M

Well Number 03343

Well Owner: **Jesse, William & Clair**

Elevation (AMSL) (m): **794**

AEP: **156835**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **66,632.90**

Date Started:

Northing: **5,940,859.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03344**

Well Owner: **Afg Const Ltd**

Elevation (AMSL) (m): **793**

AEP: **262818**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,082.09**

Date Started: **30 Sep 76**

Northing: **5,941,319.00**

Date Completed: **01 Oct 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.3**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **50.3** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **44.2**

**Testing:**

Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	781.1	Clay	Yellow	
21.3	772.0	Clay	Blue	
24.4	768.9	Sand		
29.0	764.4	Clay	Blue	
36.6	756.7	Gravel		
47.6	745.8	Clay	Yellow	
51.2	742.1	Shale	Green	
56.1	737.2	Shale	Sandy Gray	
59.4	733.9	Shale	Green	
60.0	733.3	Shale	Brown	
67.1	726.3	Shale	Gray	
68.9	724.4	Shale	Sandy Gray	
70.1	723.2	Shale	Gray	
71.6	721.7	Shale	Brittle Gray	
73.2	720.2	Shale	Brown	
74.4	718.9	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03345**

Well Owner: **Carol Lee Homes Ltd**

Elevation (AMSL) (m): **793**

AEP: **262850**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,122.98**

Date Started: **28 Aug 78**

Northing: **5,941,520.00**

Date Completed: **05 Sep 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **46.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **82.6**  
 Perforated How:  
 from (m): **46.3** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	
19.8	772.8	Clay	Yellow
21.0	771.6	Clay	Blue
27.4	765.2	Sand & Coal	
32.0	760.6	Clay	Blue
36.6	756.1	Clay & Rocks	Yellow
43.3	749.4	Gravel	
44.5	748.1	Clay	Yellow
48.8	743.9	Shale	Green
50.6	742.0	Shale	Sandy Gray
54.9	737.8	Shale	Green
58.8	733.8	Shale	Sandy Gray
60.7	732.0	Shale	Dark Gray
63.4	729.2	Shale	Sandy Gray
65.2	727.4	Shale	Dark Gray
70.4	722.2	Shale	Brittle Green
72.2	720.4	Shale	Sandy Gray
73.8	718.9	Shale	Dark Gray
77.1	715.5	Shale	Green
80.5	712.2	Shale	Sandy Gray
82.9	709.7	Coal	
83.5	709.1	Shale	Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03346**

Well Owner: **Clement, J.**

Elevation (AMSL) (m): **794**

AEP: **262840**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,836.70**

Date Started: **13 Aug 75**

Northing: **5,941,660.00**

Date Completed: **14 Aug 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Loose**  
 from (m): to **51.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **51.2** to **52.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
20.7	773.7	Clay Yellow
27.4	767.0	Clay Blue
30.5	763.9	Sand
34.1	760.2	Clay Blue
37.2	757.2	Sand
40.2	754.2	Clay Blue
42.7	751.7	Gravel
45.7	748.7	Clay Blue
46.9	747.4	Shale Green
52.7	741.7	Sand & Gravel
54.9	739.5	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-054-28 W4M**

Well Number **03347**

Well Owner: **Furler, Ron**

Elevation (AMSL) (m): **797**

AEP: **264276**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **66,583.45**

Date Started: **01 Jun 77**

Northing: **5,941,572.00**

Date Completed: **01 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **25.6** to **26.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **25.3**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **360.0**  
 Level End (m): **25.3** Drawdown (m): **4.6**  
 Rec'd intake (m): **25.3** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 23.2 774.1 Clay  
 26.8 770.5 Sand & Gravel Clayey

Laboratory: **12 Jul 77**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>710.0</b>	SAR	Nickel
TDS <b>408.0</b>	TKN	Selenium
Sodium <b>5.98</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>113.03</b>	TN	Vanadium
Magnesium <b>33.08</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>450.86</b>	Arsenic	Total Hardness <b>417.00</b>
Aluminum	Barium	Manganese
Sulphate <b>31.22</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.08</b>
Fluoride <b>0.40</b>	Chromium	Amm. Nitrogen
Iron <b>1.35</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>370.0</b>
Silica <b>22.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03348**

Well Owner: **Furler, Ron**

Elevation (AMSL) (m): **798**

AEP: **238760**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **66,581.87**

Date Started: **22 Oct 93**

Northing: **5,941,578.50**

Date Completed: **23 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **125.5** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **21.3** to **22.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **36.0** to **37.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.0**

**Testing:**

Rate (lpm): Time (minute): **240.0**  
 Level End (m): **35.7** Drawdown (m): **17.4**  
 Rec'd intake (m): **35.7** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.9	782.7	Till	Brownish Yellow	
22.9	774.8	Clay	Blue	
26.2	771.5	Sand & Coal		
27.7	769.9	Clay	Blue	
29.9	767.8	Sand & Coal		
32.3	765.4	Clay	Blue	
37.8	759.9	Sand & Coal		
41.2	756.5	Clay	Blue	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03349**

Well Owner: **Gordon, Ross**

Elevation (AMSL) (m): **799**

AEP: **258152**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **66,687.26**

Date Started: **06 Jun 95**

Northing: **5,941,710.50**

Date Completed: **07 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **39.3** Verified NPWL (m):  
 Abandonment: **Bentonite Product 08 Jun 95**

**Casing:**

Type: **Plastic**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **44.8** to **46.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **44.2**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **4.9**  
 Rec'd intake (m): **42.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.3	788.2			Clay & Gravel Brown
13.1	786.4			Sand
17.1	782.4			Clay Gray
23.8	775.7			Sand & Coal
25.6	773.9			Clay Gray
32.9	766.5			Sand
39.0	760.5			Clay Gray
39.9	759.5			Sand & Coal
48.8	750.7			Sand & Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03350**

Well Owner: **Gouthier, Dave**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **793**                      AEP: **262828**  
 Licence No.:    Easting: **66,871.30**  
 Date Started: **01 May 77**                      Northing: **5,941,503.00**  
 Date Completed: **01 May 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **20.7**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.5**                      Bottom (m): **37.5**  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m):                      to **29.0**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **37.5**                      to **38.7**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **18.2**                      Time (minute): **420.0**  
 Level End (m): **38.7**                      Drawdown (m): **18.0**  
 Rec'd intake (m): **36.6**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	788.9	Clay
25.9	767.5	Clay Sandy
35.0	758.4	Sand Fine Grained
38.7	754.7	Sand Coarse Grained
41.2	752.3	Clay

<b>Laboratory:</b>				<b>22 Nov 77</b>
pH (pH unit)	<b>7.30</b>	COD		Mercury
Cond. (µS/cm)	<b>890.0</b>	SAR		Nickel
TDS	<b>527.0</b>	TKN	<b>0.01</b>	Selenium
Sodium	<b>14.95</b>	Nitrate		Strontium
Potassium	<b>3.52</b>	Nitrite		Molybdenum
Calcium	<b>132.06</b>	TN		Vanadium
Magnesium	<b>39.03</b>	TC		Zinc
Carbonate		DIC		Hydroxide
Bicarbonate	<b>521.03</b>	Arsenic		Total Hardness <b>490.00</b>
Aluminum		Barium		Manganese
Sulphate	<b>80.21</b>	Beryllium		Phosphate
Chloride	<b>2.13</b>	Cadium		Ion Balance <b>1.03</b>
Fluoride	<b>0.14</b>	Chromium		Amm. Nitrogen
Iron	<b>0.29</b>	Cobalt		Total Phosphate
TOC		Copper		Total Alkalinity <b>427.0</b>
Silica	<b>16.80</b>	Lead		Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03351**

Well Owner: **Green, Antony#Salui Homes**

Elevation (AMSL) (m): **802**

AEP: **262866**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **66,135.14**

Date Started: **04 Oct 88**

Northing: **5,941,424.50**

Date Completed: **06 Oct 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **65.5** Bottom (m): **65.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **65.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **64.3** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **73.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **79.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **180.0**  
 Level End (m): **76.2** Drawdown (m): **32.0**  
 Rec'd intake (m): **81.7** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	
11.0	790.9	Clay	Brown
11.6	790.3	Sand	
15.5	786.3	Clay	Brown
20.7	781.2	Sand	
21.9	779.9	Gravel	
22.9	779.0	Sand & Coal	Coarse Grained
25.0	776.9	Clay	
26.5	775.4	Sand	Fine Grained
29.9	772.0	Sand & Coal	
30.8	771.1	Clay	Gray
39.3	762.6	Sand & Gravel	
45.7	756.2	Clay & Rocks	Gray
62.5	739.4	Shale	Mixed
68.9	733.0	Shale	Green
74.7	727.2	Shale	Fractured
78.0	723.9	Shale	Sandy Gray
94.5	707.4	Shale	Fractured
94.8	707.1	Coal	
95.4	706.5	Shale	Green
96.9	705.0	Sandstone	Gray
97.5	704.4	Shale	Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03352**

Well Owner: **Hahn, Rudy**

Elevation (AMSL) (m): **795**

AEP: **262854**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **66,551.98**

Date Started: **05 Aug 81**

Northing: **5,941,179.00**

Date Completed: **05 Aug 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.4** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.0** to **37.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **35.0** Drawdown (m): **18.6**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	780.7	Clay & Sand
16.8	778.6	Sand Coarse Grained Blue
19.2	776.1	Clay Blue
22.6	772.8	Sand Coarse Grained
28.7	766.7	Clay Blue
37.8	757.5	Sand & Gravel Coarse Grained
38.4	756.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03353**

Well Owner: **Hahn, Rudy**

Elevation (AMSL) (m): **795**

AEP: **262863**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,551.98**

Date Started: **04 May 87**

Northing: **5,941,171.00**

Date Completed: **05 May 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **73.8** Bottom (m): **73.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **73.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.8** Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **73.8** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	777.6	Clay Yellow
27.4	767.9	Clay Blue
39.6	755.7	Clay & Rocks Sandy Yellow
54.0	741.4	Clay Sandy Yellow
54.9	740.5	Shale Green
55.5	739.9	Sandstone
57.0	738.3	Clay Yellow
58.8	736.5	Shale Green
63.1	732.2	Shale Sandy Gray
75.6	719.7	Shale Green
78.0	717.3	Shale Sandy Gray
82.0	713.3	Shale Brown
83.5	711.8	Shale Green
90.5	704.8	Shale Sandy Gray
92.7	702.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03354**

Well Owner: **Hudson, Lawrence**

Elevation (AMSL) (m): **799**

AEP: **262872**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,386.82**

Date Started: **27 Nov 89**

Northing: **5,941,396.00**

Date Completed: **29 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **76.8** Bottom (m): **76.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **76.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **76.8** Bottom (m): **95.1**  
 Perforated How: **Machine**  
 from (m): **76.8** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	784.9	Clay Hard Yellow
15.2	783.4	Clay & Rocks Soft Blue
25.9	772.7	Clay & Sand Yellow
33.5	765.1	Clay Soft Blue
48.8	749.8	Clay & Rocks Yellow
54.9	743.7	Shale Gray
57.3	741.3	Shale Green
61.0	737.6	Sandstone
61.9	736.7	Shale Green
65.5	733.1	Shale Sandy Gray
70.1	728.5	Shale Soft Gray
72.5	726.1	Shale Sandy Gray
74.7	723.9	Shale Dark Gray
83.2	715.4	Shale Green
89.6	709.0	Shale Sandy Gray
90.2	708.4	Shale Gray
91.1	707.5	Shale & Coal Brown
91.4	707.2	Shale Gray
95.7	702.9	Shale Sandy Gray
96.0	702.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-054-28 W4M**

Well Number **03355**

Well Owner: **Kaarsomakor, Nick**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **793**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262869**  
 Easting: **66,871.30**  
 Northing: **5,941,503.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03356**

Well Owner: **Klyne, Albert**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **799**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **266849**  
 Easting: **66,928.27**  
 Northing: **5,941,263.06**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 11 Oct 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03357**

Well Owner: **Klyne, Albert**

Elevation (AMSL) (m): **794**

AEP: **266850**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **67,058.49**

Date Started: **11 Oct 95**

Northing: **5,941,215.00**

Date Completed: **11 Oct 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **30.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **32.0** Drawdown (m): **1.8**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	789.0	Clay Sandy Yellow
16.1	777.7	Clay Sandy Blue
22.6	771.3	Sand Yellow
29.0	764.9	Clay Blue
31.1	762.8	Sand
33.2	760.7	Clay Blue
38.4	755.5	Sand
39.6	754.3	Clay Yellow

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03358**

Well Owner: **Korbisser, Rudy**

Elevation (AMSL) (m): **795**

AEP: **262822**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,953.10**

Date Started: **29 Jan 76**

Northing: **5,941,616.00**

Date Completed: **04 Feb 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.3**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **50.3** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **41.2**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
24.4	771.1	Clay	Yellow	
33.5	761.9	Clay	Blue	
35.4	760.1	Sand		
36.6	758.9	Clay	Yellow	
42.1	753.4	Gravel		
42.7	752.8	Shale	Green	
48.8	746.7	Clay & Rocks	Yellow	
51.2	744.2	Shale	Green	
54.9	740.6	Shale	Sandy Gray	
56.4	739.1	Shale	Green	
65.2	730.2	Shale	Sandy Gray	
67.1	728.4	Shale	Dark Gray	
69.2	726.3	Shale	Sandy Gray	
74.4	721.1	Shale	Dark Gray	

Laboratory:

**28 Jul 76**

pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>650.0</b>	SAR	Nickel
TDS	<b>622.0</b>	TKN	Selenium
Sodium	<b>17.94</b>	Nitrate	Strontium
Potassium	<b>13.69</b>	Nitrite	Molybdenum
Calcium	<b>156.91</b>	TN	Vanadium
Magnesium	<b>39.03</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.17</b>	Arsenic	Total Hardness <b>553.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>102.78</b>	Beryllium	Phosphate
Chloride	<b>12.05</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.17</b>	Chromium	Amm. Nitrogen
Iron	<b>0.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>465.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03359**

Well Owner: **Mooney, Micheal**

Elevation (AMSL) (m): **793**

AEP: **282094**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,871.30**

Date Started:

Northing: **5,941,503.00**

Date Completed: **27 Nov 72**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **79.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **73.2**  
 Perforated How: **Unknown**  
 from (m): **57.9** to **74.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **630.0**  
 Level End (m): Drawdown (m): **19.2**  
 Rec'd intake (m): **53.0** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

10.7	782.8	Clay Sandy Yellow
13.7	779.7	Sand
16.1	777.3	Clay Blue
25.3	768.1	Clay Yellow
35.0	758.4	Shale Gray
36.6	756.9	Shale Dark Gray
37.8	755.6	Shale Green
38.1	755.3	Shale Brown
40.2	753.2	Shale Dark Gray
41.8	751.7	Shale Green
43.6	749.8	Shale Sandy Gray
44.8	748.6	Shale Gray
46.9	746.5	Shale Green
47.6	745.9	Shale Dark Gray
54.0	739.5	Shale Green
56.4	737.0	Shale Dark Gray
58.5	734.9	Shale Green
59.4	734.0	Shale Sandy Gray
65.2	728.2	Shale Green
65.5	727.9	Shale Brown
68.9	724.5	Shale Dark Gray
74.1	719.4	Shale Sandy Gray
74.4	719.1	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-054-28 W4M**

Well Number **03360**

Well Owner: **Nybakken, Ralph**

Elevation (AMSL) (m): **798**

AEP: **158540**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **66,460.75**

Date Started: **24 Jul 89**

Northing: **5,941,701.00**

Date Completed: **25 Jul 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **25.3** to **26.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Berkley**

Model: **13 Stage** Intake (m): **25.0**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **25.3** Drawdown (m): **4.0**  
 Rec'd intake (m): **25.0** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.6	776.7	Clay
26.8	771.5	Sand
30.5	767.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03361**

Well Owner: **Panker, John**

Elevation (AMSL) (m): **793**

AEP: **262843**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **66,871.30**

Date Started: **01 Mar 78**

Northing: **5,941,503.00**

Date Completed: **01 Mar 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **40.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **28.0** to **29.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **28.0**

**Testing:**

Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	788.9			Clay
18.3	775.1			Clay Sandy
25.9	767.5			Clay
27.4	766.0			Sand
29.3	764.2			Sand Coarse Grained
40.5	752.9			Sand Fine Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03362**

Well Owner: **Q.M.S.**

Elevation (AMSL) (m): **793**

AEP: **169283**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **66,871.30**

Date Started: **11 Sep 92**

Northing: **5,941,503.00**

Date Completed: **12 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **30.5** to **32.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **PI**  
 OD (mm): **1.4**  
 from (m): **32.0** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **19.8**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	784.3	Silt Brown
27.4	766.0	Clay Blue
39.6	753.8	Sand
47.2	746.2	Gravel Pea

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 01-054-28 W4M**

Well Number **03363**

Well Owner: **Sabourin, Roger**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **793**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262862**  
 Easting: **66,871.30**  
 Northing: **5,941,503.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **04 May 83**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>939.0</b>	SAR	Nickel
TDS <b>573.0</b>	TKN	Selenium
Sodium <b>218.96</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>563.73</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>72.05</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.90</b>
Fluoride <b>0.09</b>	Chromium	Amm. Nitrogen
Iron <b>0.27</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>463.0</b>
Silica <b>20.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03364**

Well Owner: **Schwanbeck, Dar**

Elevation (AMSL) (m): **798**

AEP: **262823**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,613.33**

Date Started: **31 Aug 76**

Northing: **5,941,355.00**

Date Completed: **01 Sep 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **59.4**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Torch**  
 from (m): **59.4** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	784.0	Clay Yellow
15.2	782.5	Clay Blue
21.3	776.4	Clay Sandy Yellow
24.4	773.3	Clay Blue
29.0	768.8	Sand & Coal
33.5	764.2	Clay Blue
36.6	761.1	Clay Yellow
45.7	752.0	Clay & Gravel
53.3	744.4	Clay Yellow
57.0	740.7	Shale Yellow
58.5	739.2	Shale Gray
61.9	735.8	Shale Green
75.6	722.1	Shale Sandy Gray
78.9	718.8	Shale Gray

Laboratory:			<b>29 Mar 77</b>
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1140</b>	SAR	Nickel
TDS	<b>742.0</b>	TKN	Selenium
Sodium	<b>28.06</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>193.99</b>	TN	Vanadium
Magnesium	<b>44.99</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>607.66</b>	Arsenic	Total Hardness <b>672.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>170.99</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.08</b>
Fluoride	<b>0.05</b>	Chromium	Amm. Nitrogen
Iron	<b>3.53</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>499.0</b>
Silica	<b>20.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03365**

Well Owner: **Schwanbeck, Darby**

Elevation (AMSL) (m): **790**

AEP: **262832**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **67,077.37**

Date Started: **10 Jul 75**

Northing: **5,941,627.00**

Date Completed: **14 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.3**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **54.3** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **44.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.0	762.2	Clay & Boulders Water Bearing
35.4	754.9	Sand & Sandstone
37.2	753.1	Shale Light Gray
41.8	748.5	Gravel
48.2	742.1	Clay Yellow
50.9	739.4	Shale Green
51.5	738.7	Shale Sandy Gray
54.9	735.4	Shale Green
58.5	731.7	Shale Hard
60.4	729.9	Shale Dark Gray
62.2	728.1	Shale Sandy Gray
64.6	725.6	Shale Dark Gray
69.5	720.8	Shale Sandy Gray
74.4	715.9	Shale Brittle Gray

Laboratory:		<b>30 Jan 76</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>810.0</b>	SAR	Nickel
TDS	<b>524.0</b>	TKN	Selenium
Sodium	<b>16.10</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>114.03</b>	TN	Vanadium
Magnesium	<b>35.99</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>568.61</b>	Arsenic	Total Hardness <b>433.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>74.93</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.86</b>
Fluoride	<b>0.29</b>	Chromium	Amm. Nitrogen
Iron	<b>0.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>467.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-28 W4M**

Well Number **03366**

Well Owner: **Subourin, R.**

Elevation (AMSL) (m): **790**

AEP: **262870**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **67,085.23**

Date Started: **10 Sep 89**

Northing: **5,941,627.00**

Date Completed: **15 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **39.6** Bottom (m): **76.2**  
 Perforated How: **Unknown**  
 from (m): **48.8** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
13.1	776.9		Clay & Gravel Sandy Brown
22.9	767.1		Sand
30.8	759.2		Clay Brownish Gray
32.0	758.0		Gravel
32.9	757.1		Clay Gray
41.8	748.2		Gravel
43.3	746.7		Clay Gray
48.5	741.5		Shale Gray
52.4	737.6		Sandstone
53.3	736.6		Shale Green
60.7	729.3		Sandstone
61.6	728.4		Shale Fractured Green
67.4	722.6		Sandstone
68.6	721.4		Shale Gray
70.7	719.3		Sandstone
72.2	717.7		Shale Gray
75.0	715.0		Shale Fractured Green
75.9	714.1		Sandstone
76.2	713.8		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03367**

Well Owner: **Teply, Stan**

Elevation (AMSL) (m): **796**

AEP: **264279**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,775.35**

Date Started: **05 Dec 84**

Northing: **5,941,199.50**

Date Completed: **06 Dec 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **51.8** Bottom (m): **94.5**  
 Perforated How: **Torch**  
 from (m): **51.8** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	784.7	Clay Yellow
25.9	770.4	Clay Blue
50.0	746.3	Clay & Rocks Sandy Yellow
50.3	746.0	Shale Sandy Gray
53.3	742.9	Shale Greenish Gray
65.2	731.1	Shale Sandy Gray
68.3	728.0	Shale Green
73.8	722.5	Shale Sandy Gray
76.2	720.1	Shale Green
88.1	708.2	Shale Dark Gray
89.0	707.3	Shale Sandy Gray
90.8	705.5	Shale Gray
94.2	702.1	Sandstone
94.5	701.8	Shale Green

Laboratory: **07 Feb 85**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>924.0</b>	SAR	Nickel
TDS	<b>544.0</b>	TKN	Selenium
Sodium	<b>20.93</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>132.06</b>	TN	Vanadium
Magnesium	<b>40.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>538.72</b>	Arsenic	Total Hardness <b>494.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>82.13</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.11</b>	Chromium	Amm. Nitrogen
Iron	<b>4.24</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>443.0</b>
Silica	<b>19.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03368**

Well Owner: **Turchinetz, R.**

Elevation (AMSL) (m): **793**

AEP: **262836**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **66,871.30**

Date Started: **05 Sep 76**

Northing: **5,941,503.00**

Date Completed: **07 Sep 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.2** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **35.0** to **36.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **1440.0**  
 Level End (m): **34.1** Drawdown (m): **5.2**  
 Rec'd intake (m): **34.1** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.7	786.7	Clay & Sand Brown
18.3	775.1	Clay Blue
29.3	764.2	Clay & Boulders
29.9	763.6	Clay & Sand Silty
37.2	756.2	Shale

Laboratory:

**19 May 77**

pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>820.0</b>	SAR	Nickel
TDS	<b>494.0</b>	TKN	Selenium
Sodium	<b>25.99</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>122.04</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>521.03</b>	Arsenic	Total Hardness <b>435.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>55.23</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.02</b>
Fluoride	<b>0.26</b>	Chromium	Amm. Nitrogen
Iron	<b>0.23</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>428.0</b>
Silica	<b>20.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03369**

Well Owner: **Turnbull, Trevor**

Elevation (AMSL) (m): **796**

AEP: **262858**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,691.98**

Date Started: **08 Mar 83**

Northing: **5,941,374.00**

Date Completed: **15 Mar 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **71.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **71.3** Bottom (m): **105.5**  
 Perforated How: **Torch**  
 from (m): **71.3** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	782.0	Clay Soft Yellow
19.8	776.6	Clay Blue
22.9	773.5	Sand & Coal
29.9	766.5	Clay Silty Blue
39.6	756.7	Clay & Rocks Sandy Yellow
42.4	754.0	Gravel
55.8	740.6	Clay Yellow
57.9	738.5	Shale Soft Green
66.8	729.6	Shale Sandy Gray
70.1	726.3	Shale Brittle Gray
73.2	723.2	Shale Greenish Gray
74.1	722.3	Shale Sandy Gray
75.0	721.4	Sandstone
78.9	717.4	Shale Sandy Gray
86.9	709.5	Shale Brittle Gray
89.9	706.5	Shale Sandy Gray
96.0	700.4	Shale Dark Gray
96.9	699.4	Shale & Coal Brown
97.8	698.5	Shale Brown
99.1	697.3	Shale Brittle Green
103.0	693.3	Shale Sandy Gray
104.9	691.5	Shale Gray
106.4	690.0	Shale Green

Laboratory:			12 Apr 83
pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>1171</b>	SAR	Nickel
TDS	<b>731.0</b>	TKN	Selenium
Sodium	<b>163.07</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>81.96</b>	TN	Vanadium
Magnesium	<b>13.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.78</b>	Arsenic	Total Hardness <b>262.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>190.20</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.93</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>1.62</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>465.0</b>
Silica	<b>12.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-28 W4M**

Well Number **03370**

Well Owner: **Zoetekeow, W.**

Elevation (AMSL) (m): **793**

AEP: **262846**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **66,871.30**

Date Started: **01 Jun 77**

Northing: **5,941,503.00**

Date Completed: **01 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **29.6** to **30.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **6.7**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 19.8 773.6 Clay & Sand Silty Brown  
 32.0 761.4 Sand & Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NH 01-054-28 W4M**

Well Number **03371**

Well Owner: **Carol Lee Homes Ltd**

Elevation (AMSL) (m): **798**

AEP: **262815**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,922.38**

Date Started: **26 Oct 78**

Northing: **5,941,548.00**

Date Completed: **30 Oct 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **97.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **85.3** Bottom (m): **85.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **85.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **85.3** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	779.4	Clay Yellow
28.0	769.7	Sand & Coal
32.3	765.4	Clay Yellow
36.6	761.2	Sand
38.7	759.0	Clay Yellow
41.2	756.6	Clay Blue
42.7	755.1	Clay & Rocks Yellow
46.6	751.1	Gravel
58.8	738.9	Clay Yellow
59.7	738.0	Shale Green
62.2	735.6	Shale Sandy Gray
66.8	731.0	Shale Brittle Gray
70.1	727.6	Shale Sandy Gray
85.3	712.4	Shale Brittle Gray
94.5	703.3	Sandstone
96.3	701.4	Coal
97.2	700.5	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 01-054-28 W4M**

Well Number **03372**

Well Owner: **Cartmell, Nick**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **797**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262810**  
 Easting: **66,584.18**  
 Northing: **5,941,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **82.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **14 Aug 74**

pH (pH unit) <b>7.30</b>	COD	Mercury
Cond. (µS/cm) <b>980.0</b>	SAR	Nickel
TDS <b>584.0</b>	TKN	Selenium
Sodium <b>37.95</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>140.08</b>	TN	Vanadium
Magnesium <b>35.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>546.04</b>	Arsenic	Total Hardness <b>494.00</b>
Aluminum	Barium	Manganese
Sulphate <b>96.06</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.06</b>
Fluoride <b>0.14</b>	Chromium	Amm. Nitrogen
Iron <b>0.50</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>448.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-28 W4M**

Well Number **03373**

Well Owner: **Caton, Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **799**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262804**  
 Easting: **66,676.99**  
 Northing: **5,941,586.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>29 Oct 76</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>760.0</b>	SAR	Nickel
TDS	<b>464.0</b>	TKN	Selenium
Sodium	<b>8.05</b>	Nitrate	Strontium
Potassium	<b>4.30</b>	Nitrite	Molybdenum
Calcium	<b>102.00</b>	TN	Vanadium
Magnesium	<b>27.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>519.20</b>	Arsenic	Total Hardness <b>367.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>67.24</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.79</b>
Fluoride	<b>0.29</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>425.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-28 W4M**

Well Number **03374**

Well Owner: **Sawatzky, Ruben**

Elevation (AMSL) (m): **797**

AEP: **152766**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **66,584.18**

Date Started: **15 Aug 90**

Northing: **5,941,482.00**

Date Completed: **16 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **102.1** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **62.2** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **102.1**  
 Perforated How: **Hand Drill**  
 from (m): **62.5** to **102.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **102.1** Drawdown (m): **65.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	783.2	Clay Silty
27.7	769.2	Sand
29.0	768.0	Clay Sandy
33.5	763.4	Coal Sandy
52.1	744.8	Sand Stoney
54.6	742.3	Clay
70.4	726.5	Shale
74.7	722.2	Sandstone
78.6	718.3	Shale
79.6	717.4	Sandstone
91.4	705.5	Shale
93.0	703.9	Shale Bentonitic
96.9	700.0	Shale
100.9	696.0	Sandstone
102.1	694.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NH 01-054-28 W4M**

Well Number **03375**

Well Owner: **Sorensen, Dan**

Elevation (AMSL) (m): **797**

AEP: **262791**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **66,584.18**

Date Started: **13 Apr 77**

Northing: **5,941,482.00**

Date Completed: **18 Apr 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	795.7	Clay & Rocks
3.4	793.6	Sand & Rocks
14.6	782.3	Clay
21.6	775.3	Sand
24.1	772.8	Till
24.4	772.5	Coal
26.2	770.7	Till
32.3	764.6	Sand
33.2	763.7	Clay
38.1	758.8	Sand & Gravel
54.6	742.3	Clay Sandy
65.5	731.4	Shale
66.4	730.5	Sandstone Soft Gray
70.1	726.8	Shale Green
73.2	723.8	Sandstone Soft Gray
73.8	723.1	Sandstone Hard
76.2	720.7	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 01-054-28 W4M**

Well Number **03376**

Well Owner: **Stanislawski**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **797**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262785**  
 Easting: **66,584.18**  
 Northing: **5,941,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **21 Oct 74**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>940.0</b>	SAR	Nickel
TDS <b>532.0</b>	TKN <b>0.01</b>	Selenium
Sodium <b>14.95</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>122.04</b>	TN	Vanadium
Magnesium <b>35.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>467.95</b>	Arsenic	Total Hardness <b>449.00</b>
Aluminum	Barium	Manganese
Sulphate <b>70.12</b>	Beryllium	Phosphate
Chloride <b>48.92</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride <b>0.20</b>	Chromium	Amm. Nitrogen
Iron <b>3.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>384.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 01-054-28 W4M**

Well Number **03377**

Well Owner: **Wal Holdings**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **797**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262808**  
 Easting: **66,584.18**  
 Northing: **5,941,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Feb 76**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>800.0</b>	SAR	Nickel
TDS <b>473.0</b>	TKN	Selenium
Sodium <b>19.09</b>	Nitrate	Strontium
Potassium <b>4.69</b>	Nitrite	Molybdenum
Calcium <b>93.99</b>	TN	Vanadium
Magnesium <b>37.09</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>513.70</b>	Arsenic	Total Hardness <b>386.00</b>
Aluminum	Barium	Manganese
Sulphate <b>65.80</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.88</b>
Fluoride <b>0.23</b>	Chromium	Amm. Nitrogen
Iron <b>0.50</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>422.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-28 W4M**

Well Number **03378**

Well Owner: **Wal Holdings Ltd.**

Elevation (AMSL) (m): **799**

AEP: **264274**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **66,467.78**

Date Started:

Northing: **5,941,406.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		12 Sep 79	
pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>1045</b>	SAR	Nickel
TDS	<b>631.0</b>	TKN	Selenium
Sodium	<b>25.99</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>141.08</b>	TN	Vanadium
Magnesium	<b>40.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>577.15</b>	Arsenic	Total Hardness <b>521.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>135.92</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.11</b>	Chromium	Amm. Nitrogen
Iron	<b>4.65</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>474.0</b>
Silica	<b>19.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NH 01-054-28 W4M**

Well Number **03379**

Well Owner: **Wall, W.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **797**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262813**  
 Easting: **66,584.18**  
 Northing: **5,941,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **08 Nov 74**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>750.0</b>	SAR	Nickel
TDS <b>409.0</b>	TKN	Selenium
Sodium <b>5.06</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>93.99</b>	TN	Vanadium
Magnesium <b>33.08</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>461.85</b>	Arsenic	Total Hardness <b>368.00</b>
Aluminum	Barium	Manganese
Sulphate <b>43.23</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.91</b>
Fluoride <b>0.19</b>	Chromium	Amm. Nitrogen
Iron <b>0.30</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>378.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-28 W4M**

Well Number **03380**

Well Owner: **Zoetekouk, William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **799**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262814**  
 Easting: **66,312.05**  
 Northing: **5,941,196.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Feb 75**

pH (pH unit) <b>7.30</b>	COD	Mercury
Cond. (µS/cm) <b>960.0</b>	SAR	Nickel
TDS <b>634.0</b>	TKN	Selenium
Sodium <b>51.06</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>124.05</b>	TN	Vanadium
Magnesium <b>40.98</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>469.17</b>	Arsenic	Total Hardness <b>477.00</b>
Aluminum	Barium	Manganese
Sulphate <b>114.79</b>	Beryllium	Phosphate
Chloride <b>64.16</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.11</b>	Chromium	Amm. Nitrogen
Iron <b>1.90</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>384.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-28 W4M**

Well Number **03381**

Well Owner: **Zoetekouk, Wm**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **797**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262807**  
 Easting: **66,584.18**  
 Northing: **5,941,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **06 Jan 76**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1000</b>	SAR	Nickel
TDS <b>669.0</b>	TKN	Selenium
Sodium <b>83.03</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>101.00</b>	TN	Vanadium
Magnesium <b>25.05</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>622.91</b>	Arsenic	Total Hardness <b>354.00</b>
Aluminum	Barium	Manganese
Sulphate <b>146.97</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance <b>0.80</b>
Fluoride <b>0.17</b>	Chromium	Amm. Nitrogen
Iron <b>0.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>511.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-28 W4M**

Well Number **03382**

Well Owner: **Grauman, Robert**

Elevation (AMSL) (m): **802**

AEP: **268976**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **66,115.59**

Date Started:

Northing: **5,941,232.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 01-054-28 W4M**

Well Number **03383**

Well Owner: **Klushin, Ken**

Elevation (AMSL) (m): **776**

AEP: **238071**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **66,941.36**

Date Started: **11 Mar 93**

Northing: **5,940,585.50**

Date Completed: **11 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Irrigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **4.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.4**  
 from (m): **36.6** to **42.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **17.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	769.5	Clay Silty Brown
13.1	762.5	Clay Blue
28.4	747.3	Silt Blue
42.7	732.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 01-054-28 W4M**

Well Number **03384**

Well Owner: **Klushin, George**

Elevation (AMSL) (m): **782**

AEP: **262782**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,346.02**

Date Started: **13 Jan 81**

Northing: **5,940,570.50**

Date Completed: **14 Jan 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **25.0** to **26.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	777.0	Clay Sandy Yellow
15.2	766.7	Sandstone & Coal
21.6	760.3	Clay Soft Yellow
24.1	757.8	Clay Sandy Blue
26.8	755.1	Sand
39.6	742.3	Clay Sandy Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 01-054-28 W4M**

Well Number **03385**

Well Owner: **Klushin, Ken**

Elevation (AMSL) (m): **782**

AEP: **262764**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **66,337.53**

Date Started: **12 Aug 76**

Northing: **5,940,571.50**

Date Completed: **13 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **31.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **0.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **41.2** Drawdown (m): **9.8**  
 Rec'd intake (m): **41.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	772.6	Clay	
20.4	761.3	Till	
22.9	758.8	Coal	
34.4	747.3	Till	
41.5	740.3	Coal	
47.2	734.5	Shale Gray	
49.4	732.3	Shale White	
53.3	728.4	Shale Brown	
57.3	724.4	Shale White	
57.9	723.8	Shale Gray	

Laboratory: **21 Apr 78**

pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1061</b>	SAR	Nickel
TDS	<b>655.0</b>	TKN	Selenium
Sodium	<b>31.97</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>161.92</b>	TN	Vanadium
Magnesium	<b>38.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>580.21</b>	Arsenic	Total Hardness <b>560.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>133.04</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron	<b>1.92</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>475.0</b>
Silica	<b>20.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 01-054-28 W4M**

Well Number **03386**

Well Owner: **Klushin, Ken**

Elevation (AMSL) (m): **782**

AEP: **262774**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,337.53**

Date Started:

Northing: **5,940,571.50**

Date Completed: **01 Aug 69**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **81.1** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **76.2** Thickness (mm): **0.0**  
 Top (m): **41.8** Bottom (m): **81.1**  
 Perforated How: **Unknown**  
 from (m): **41.8** to **81.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **19.2**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.6	774.1		Clay Yellow
	13.7	768.0		Sand & Gravel Pea
	20.7	761.0		Clay & Sand Fine Grained
	22.9	758.8		Clay Yellow
	39.0	742.7		Clay Blue
	42.1	739.6		Shale Gray
	43.9	737.8		Sand & Shale Water Bearing Gra
	45.1	736.6		Sand & Shale Water Bearing Gra
	52.7	729.0		Shale Green
	54.9	726.8		Sand & Shale Water Bearing Gra
	57.9	723.8		Shale & Coal Water Bearing Bro
	71.6	710.1		Sand & Shale Water Bearing Gra
	72.5	709.2		Shale Brown
	81.1	700.6		Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 01-054-28 W4M**

Well Number **03387**

Well Owner: **Klushin, Kenneth**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **262771**  
 Easting: **66,337.53**  
 Northing: **5,940,571.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **04 Nov 70**

pH (pH unit)	COD	Mercury
Cond. (µS/cm) <b>990.0</b>	SAR	Nickel
TDS <b>750.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>491.00</b>
Aluminum	Barium	Manganese
Sulphate <b>246.87</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>8.95</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>477.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-054-28 W4M**

Well Number **03390**

Well Owner: **Sawatzky, Ben**

Elevation (AMSL) (m): **779**

AEP: **134455**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,696.99**

Date Started: **05 Oct 93**

Northing: **5,942,031.50**

Date Completed: **06 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **52.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **49.4** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **49.4** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **10.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	768.8	Clay	Yellow	
15.2	764.2	Clay	Hard Blue	
25.9	753.6	Sand	Fine Grained	
29.0	750.5	Clay	Blue	
44.2	735.3	Clay	Yellow	
46.6	732.9	Shale	Silty Green	
48.2	731.3	Shale	Hard Green	
50.9	728.6	Shale	Sandy Gray	
54.9	724.6	Shale	Brittle Gray	
58.2	721.3	Shale	Sandy Gray	
63.7	715.8	Shale	Green	
74.1	705.4	Shale	Sandy Gray	
75.0	704.5	Coal		
77.4	702.1	Shale	Greenish Gray	
79.2	700.2	Sandstone		
82.3	697.2	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-054-28 W4M**

Well Number **03391**

Well Owner: **Sonnenberg, Ed**

Elevation (AMSL) (m): **785**

AEP: **262875**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,782.42**

Date Started: **28 Oct 74**

Northing: **5,942,271.50**

Date Completed: **29 Oct 74**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **58.5**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **87.2**  
 Perforated How: **Torch**  
 from (m): **58.5** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.1	779.4	Clay Yellow
36.0	749.5	Clay Blue
37.8	747.7	Shale Gray
41.5	744.0	Shale Sandy Gray
42.1	743.4	Coal
46.9	738.5	Shale Gray
49.1	736.4	Shale Brittle Green
51.8	733.7	Shale Gray
54.9	730.6	Shale Sandy Gray
56.1	729.4	Shale Brown
59.4	726.0	Shale Dark Gray
62.5	723.0	Shale Sandy Gray
67.1	718.4	Shale Dark Gray
71.6	713.8	Shale Sandy Gray
76.2	709.3	Shale Brown
80.2	705.3	Shale Green
82.3	703.2	Shale Gray
86.0	699.5	Shale Sandy Gray
88.1	697.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-054-28 W4M**

Well Number **03392**

Well Owner: **Spruceland Millworks Inc**

Elevation (AMSL) (m): **785**

AEP: **260138**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,782.42**

Date Started: **28 Jun 95**

Northing: **5,942,271.50**

Date Completed: **30 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **57.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **55.2** Bottom (m): **73.5**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **68.9** to **71.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	767.2	Clay Yellow
25.0	760.5	Clay & Sand Yellow
31.4	754.1	Clay Blue
34.4	751.0	Clay & Gravel Brown
36.6	748.9	Shale Green
37.2	748.3	Shale Yellow
39.6	745.8	Gravel
40.8	744.6	Shale & Rocks Gray
45.1	740.4	Gravel
57.3	728.2	Clay Yellow
61.3	724.2	Shale Green
63.7	721.8	Shale Sandy Gray
66.4	719.0	Shale Green
74.7	710.8	Shale Sandy Gray
83.5	702.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-054-28 W4M**

Well Number **03393**

Well Owner: **Veld, Paul J.**

Elevation (AMSL) (m): **785**

AEP: **262877**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **66,782.42**

Date Started: **22 Sep 82**

Northing: **5,942,271.50**

Date Completed: **25 Sep 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **59.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **60.0**  
 Level End (m): **38.1** Drawdown (m): **22.9**  
 Rec'd intake (m): **60.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	779.4	Clay
18.3	767.2	Sand
36.6	748.9	Clay Blue
54.9	730.6	Sandstone Gray
74.7	710.8	Shale Gray
76.2	709.3	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-054-28 W4M**

Well Number **03394**

Well Owner: **Grauman, Barbara**

Elevation (AMSL) (m): **779**

AEP: **262878**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **66,306.34**

Date Started: **26 Oct 76**

Northing: **5,942,289.00**

Date Completed: **27 Oct 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **69.8** Bottom (m): **69.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **69.8**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **91.4**  
 Perforated How: **Torch**  
 from (m): **70.1** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	769.4	Clay Brown
18.6	760.8	Clay Blue
24.7	754.7	Sand & Gravel
25.3	754.1	Clay
37.5	741.9	Sand & Coal
44.8	734.6	Clay & Rocks
50.6	728.8	Sand & Gravel
58.2	721.2	Clay & Rocks Brown
65.5	713.9	Shale Gray
70.1	709.3	Shale Green
70.7	708.7	Sandstone Hard
78.0	701.4	Shale Green
78.9	700.5	Sandstone Soft Gray
84.7	694.7	Shale Green
90.5	688.9	Shale & Sandstone Ledges
90.8	688.6	Coal
91.4	688.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-054-28 W4M**

Well Number **03395**

Well Owner: **Seutter, Harry**

Elevation (AMSL) (m): **779**

AEP: **262879**

Drilling Contractor: *Lando Enterprises Ltd.*

Licence No.:

Easting: **66,306.34**

Date Started: **03 May 83**

Northing: **5,942,289.00**

Date Completed: **04 May 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.2**  
 from (m): **20.7** to **23.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	776.4	Clay Blue
9.1	770.3	Clay Gray
19.8	759.6	Sand Fine Grained
23.8	755.7	Sand Coarse Grained
29.9	749.6	Sand Fine Grained
32.0	747.4	Sand & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

16-23-050-01 W5M

Well Number 04765

Well Owner: #Sp175

Elevation (AMSL) (m): 687

AEP: 450908

Drilling Contractor: Other

Licence No.:

Easting: 64,672.98

Date Started:

Northing: 5,907,472.28

Date Completed: 25 Oct 66

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment: **Plug & Cement 25 Oct 66**

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27



16-23-050-01 W5M

Well Number 04766

Well Owner: #Sp179

Elevation (AMSL) (m): 687

AEP: 450907

Drilling Contractor: Other

Licence No.:

Easting: 64,672.98

Date Started:

Northing: 5,907,472.28

Date Completed: 25 Oct 66

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **13.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**                      **25 Oct 66**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 23-050-01 W5M**

Well Number **04767**

Well Owner: **Hole, J.F.**

Elevation (AMSL) (m): **697**

AEP: **418253**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,635.05**

Date Started: **05 Oct 95**

Northing: **5,907,799.00**

Date Completed: **20 Oct 95**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth **9.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **8.8** Bottom (m): **8.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **7.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	696.6	Organic Matter
0.6	696.3	Clay & Sand
1.2	695.7	Clay
1.8	695.0	Clay & Sand Silty Gray
4.3	692.6	Clay Gray
5.8	691.1	Clay Sandy Gray
7.6	689.3	Clay Gray
9.8	687.1	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-050-01 W5M**

Well Number **04768**

Well Owner: **Hole, Jim**

Elevation (AMSL) (m): **697**

AEP: **450906**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **64,635.05**

Date Started: **14 Apr 77**

Northing: **5,907,799.00**

Date Completed: **14 Apr 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **14.0**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **24.7** to **25.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	696.0	Clay Sandy
8.8	688.0	Clay
24.4	672.5	Gravel
25.6	671.3	Sandstone
29.6	667.3	Shale
29.9	667.0	Bedrock
34.1	662.7	Shale
35.4	661.5	Sandstone
38.7	658.2	Shale
40.5	656.3	Sandstone
43.3	653.6	Shale
44.8	652.1	Bedrock
45.7	651.2	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-050-01 W5M**

Well Number **04769**

Well Owner: **Hole, Jim**

Elevation (AMSL) (m): **697**

AEP: **358797**

Licence No.:

Easting: **64,635.05**

Drilling Contractor: *Alberta Eagle Drilling Ltd.*

Date Started: **24 Jun 91**

Northing: **5,907,799.00**

Date Completed: **25 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Combination**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **168.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **18.3** to **26.8**

**Liner:**  
 Type:  
 OD (mm): **125.5** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **48.8** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **60.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	694.7	Sand Brown
11.6	685.3	Clay Silty
14.0	682.9	Gravel
20.4	676.5	Clay & Gravel Sandy
24.7	672.2	Sandstone Gray
26.5	670.4	Clay & Shale Gray
32.0	664.9	Shale Silty Gray
32.3	664.6	Sandstone Gray
32.9	664.0	Shale Gray
33.8	663.0	Shale Brown
34.8	662.1	Shale Gray
35.0	661.8	Sandstone Hard Gray
37.2	659.7	Shale Gray
38.4	658.5	Sandstone Fine Grained Gray
39.3	657.6	Shale Gray
39.9	656.9	Sandstone Gray
41.5	655.4	Shale Gray
42.4	654.5	Sandstone Fine Grained Gray
43.9	653.0	Shale Gray
44.2	652.7	Sandstone Fine Grained Gray
46.0	650.9	Shale Gray
47.9	649.0	Sandstone Fine Grained Gray
49.4	647.5	Shale Gray
52.4	644.5	Sandstone Fine Grained Gray
53.0	643.8	Shale Gray
57.0	639.9	Sandstone Fine Grained Gray
58.8	638.1	Shale Gray
61.0	635.9	Sandstone Fine Grained Gray
61.9	635.0	Shale Gray
62.8	634.1	Sandstone Gray
64.0	632.9	Shale Gray
64.6	632.3	Sandstone Fine Grained Gray
67.1	629.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

10-24-050-01 W5M

Well Number 04770

Well Owner: **Kenbel, Len**

Elevation (AMSL) (m): **699**

AEP: **450909**

Licence No.:

Easting: **65,643.34**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Date Started: **05 Aug 80**

Northing: **5,907,478.00**

Date Completed: **05 Aug 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.0**  
**Testing:**  
 Rate (lpm): **95.8** Time (minute): **360.0**  
 Level End (m): **26.5** Drawdown (m): **24.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	694.6	Sand & Gravel
6.1	693.1	Clay
30.2	669.0	Sand & Gravel
31.4	667.8	Shale
31.7	667.5	Sandstone
32.3	666.9	Shale
33.8	665.4	Shale
36.9	662.3	Sandstone Hard
39.0	660.2	Sandstone
44.8	654.4	Shale
49.4	649.8	Sandstone
51.2	648.0	Shale
54.0	645.3	Sandstone
54.9	644.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-050-01 W5M**

Well Number **04771**

Well Owner: **Hooper, Danny**

Elevation (AMSL) (m): **698**

AEP: **450910**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,696.02**

Date Started: **09 Sep 85**

Northing: **5,907,223.50**

Date Completed: **10 Sep 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **19.5** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **8.5** Bottom (m): **8.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **8.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **8.5** Bottom (m): **18.6**  
 Perforated How: **Torch**  
 from (m): **8.5** to **18.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **7.6**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **7.6** Drawdown (m): **2.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	691.2	Clay & Rocks Yellow
7.6	690.3	Clay & Rocks Blue
8.2	689.7	Shale Gray
8.5	689.4	Coal
9.4	688.5	Shale Gray
13.4	684.5	Shale Sandy Gray
14.0	683.9	Coal
19.5	678.4	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-050-01 W5M**

Well Number **04772**

Well Owner: **Howlettg, S.**

Elevation (AMSL) (m): **699**

AEP: **371131**

Licence No.:

Easting: **65,632.38**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **05 Jul 93**

Northing: **5,907,368.50**

Date Completed: **09 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **25.0** to **26.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **70.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **51.2**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	695.3			Sand Brown
9.4	689.6			Clay Gray
10.7	688.3			Shale Gray
11.9	687.1			Sandstone
16.1	682.9			Shale Gray
17.1	681.9			Coal
25.3	673.7			Shale & Sandstone Gray
27.7	671.3			Shale Green
32.9	666.1			Sandstone
36.9	662.1			Shale Green
89.0	610.0			Shale & Sandstone Gray
91.4	607.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 24-050-01 W5M**

Well Number **04773**

Well Owner: **Maguire, T**

Elevation (AMSL) (m): **699**

AEP: **358418**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **65,842.16**

Date Started: **06 Sep 90**

Northing: **5,907,335.50**

Date Completed: **11 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **91.4**  
 Perforated How: **Other**  
 from (m): **67.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.0**

**Testing:**

Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	698.3			Topsoil
3.1	695.8			Clay Sandy Brown
6.1	692.8			Clay & Gravel Clayey Brown
8.5	690.4			Clay Gray
10.1	688.8			Sand & Gravel
12.2	686.7			Shale Light Gray
36.3	662.6			Sandstone Light Gray
44.5	654.4			Shale Light
45.7	653.2			Shale Light Gray
84.7	614.2			Sandstone & Shale Ledges
91.4	607.5			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 24-050-01 W5M**

Well Number **04774**

Well Owner: **Ranson, Dave**

Elevation (AMSL) (m): **696**

AEP: **396688**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,275.85**

Date Started: **05 Aug 94**

Northing: **5,907,129.00**

Date Completed: **05 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **6.1** Bottom (m): **22.9**  
 Perforated How: **Saw**  
 from (m): **7.6** to **21.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **12.2**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **6.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	695.7			Topsoil
4.6	691.4			Clay Sandy Yellow
7.3	688.7			Clay Sandy Blue
8.2	687.8			Shale Gray
16.1	679.9			Shale Sandy Gray
17.4	678.6			Shale Gray
19.8	676.2			Shale Brown
21.3	674.7			Shale Sandy Gray
21.9	674.1			Shale Gray
22.9	673.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-050-01 W5M**

Well Number **04775**

Well Owner: **Stern, Marty**

Elevation (AMSL) (m): **697**

AEP: **352287**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **66,267.60**

Date Started: **24 Sep 90**

Northing: **5,907,584.00**

Date Completed: **24 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **25.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **30.5** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	691.6			Clay Sandy Yellow
14.6	682.2			Sand
21.9	674.9			Sandstone
27.7	669.1			Shale Green
28.7	668.2			Sandstone
34.4	662.4			Shale Gray
36.3	660.5			Sandstone
45.1	651.7			Shale Gray
49.7	647.1			Sandstone
54.9	641.9			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-050-01 W5M**

Well Number **04776**

Well Owner: **Sutherland, Charlie**

Elevation (AMSL) (m): **697**

AEP: **365308**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **66,267.60**

Date Started: **09 Jun 92**

Northing: **5,907,584.00**

Date Completed: **09 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **9.4** Bottom (m): **9.4**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **9.4**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **9.1** Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **9.8** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkeley 10mg7** Intake (m): **9.1**

**Testing:**

Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **3.1**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	690.1			Clay
10.1	686.7			Shale
11.3	685.5			Sandstone
11.9	684.9			Coal
22.9	673.9			Sandstone
24.4	672.4			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-050-01 W5M**

Well Number **04777**

Well Owner: **Gillam, Dwayne**

Elevation (AMSL) (m): **699**

AEP: **351284**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,008.06**

Date Started: **25 May 90**

Northing: **5,907,704.00**

Date Completed: **28 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **12.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **21.9**  
 Perforated How: **Machine**  
 from (m): **12.2** to **21.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **7.6** Drawdown (m): **1.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (BGL) (AMSL) (m)</b>	<b>Lithologic Description</b>
2.1	696.9	Clay Yellow
3.7	695.3	Sand
5.5	693.5	Clay Yellow
8.5	690.5	Shale Gray
9.1	689.9	Shale Gray
11.3	687.7	Sand Gray
11.9	687.1	Shale & Coal Brown
12.8	686.2	Shale Gray
19.2	679.8	Shale Sandy Gray
20.1	678.9	Shale Green
20.4	678.6	Shale Soft Brown
21.6	677.4	Shale Gray
22.3	676.8	Sandstone
22.9	676.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

14-25-050-01 W5M

Well Number 04778

Well Owner: **Giese, Louis**

Elevation (AMSL) (m): **705**

AEP: **450915**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **65,468.87**

Date Started:

Northing: **5,909,474.00**

Date Completed: **14 Sep 59**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **25.6** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Stock**

Model: **Beatty** Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **13.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	703.4			Sand
17.7	686.9			Clay & Boulders
23.8	680.8			Hard Pan
25.0	679.6			Coal
25.6	679.0			Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-25-050-01 W5M

Well Number 04779

Well Owner: **Stroh, Carl**

Elevation (AMSL) (m): **705**

AEP: **450913**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **66,322.97**

Date Started:

Northing: **5,908,650.00**

Date Completed: **18 Aug 58**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **70.7** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Stock**

Model: **Beatty** Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	704.1			Sand
2.7	702.6			Clay
4.3	701.0			Sand
12.2	693.1			Clay
34.8	670.6			Clay Sandy
36.0	669.3			Rocks Hard
36.9	668.4			Rocks
70.7	634.6			Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-050-01 W5M**

Well Number **04780**

Well Owner: **Stroh, Gerald**

Elevation (AMSL) (m): **705**

AEP: **450911**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **66,322.99**

Date Started: **28 Jun 79**

Northing: **5,908,568.50**

Date Completed: **29 Jun 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **46.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **46.0** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **35.0** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	697.7	Clay Yellow
20.7	684.6	Clay Blue
41.2	664.2	Sand & Coal
45.7	659.6	Shale Sandy Gray
47.9	657.5	Shale Greenish Gray
49.7	655.6	Shale Sandy Gray
54.9	650.5	Shale Greenish Gray
56.4	648.9	Shale Sandy Gray
58.8	646.5	Shale Green
61.6	643.8	Shale Gray
64.0	641.3	Shale Sandy Gray
66.4	638.9	Shale Green
71.6	633.7	Shale Sandy Gray
74.4	631.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-26-050-01 W5M

Well Number 04781

Well Owner: **Sierpinski, Otto**

Elevation (AMSL) (m): **708**

AEP: **450919**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **63,505.43**

Date Started:

Northing: **5,909,151.50**

Date Completed: **26 Aug 59**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **90.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	706.2			Sand
12.8	695.2			Clay Sandy
27.4	680.6			Clay & Boulders Sandy
55.5	652.5			Hard Pan
56.7	651.3			Rocks
57.0	651.0			Coal
62.8	645.2			Sand
64.0	644.0			Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 26-050-01 W5M**

Well Number **04782**

Well Owner: **Simpson, Dale L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **705**  
 Licence No.:  
 Date Started:  
 Date Completed: **30 Jul 77**  
 AEP: **450921**  
 Easting: **64,143.02**  
 Northing: **5,909,323.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 26-050-01 W5M**Well Number **04783**Well Owner: **Fearnehough, David**Elevation (AMSL) (m): **700**AEP: **450917**

Licence No.:

Easting: **64,653.29**Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,907,958.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): \_\_\_\_\_ Verified NPWL (m): \_\_\_\_\_  
 Abandonment:

**Casing:**

Type:  
 Depth (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Seal Type:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Liner:**

Type:  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Top (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 Perforated How:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size:

**Screen:**

Material:  
 OD (mm): \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size:

**Open Hole:**

from (m): \_\_\_\_\_ to \_\_\_\_\_

**Pump:**

Model: \_\_\_\_\_ Intake (m): \_\_\_\_\_

**Testing:**

Rate (lpm): \_\_\_\_\_ Time (minute): \_\_\_\_\_  
 Level End (m): \_\_\_\_\_ Drawdown (m): \_\_\_\_\_  
 Rec'd intake (m): \_\_\_\_\_ Rec'd Rate (lpm): \_\_\_\_\_

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)****Lithologic Description***(No Lithologic Information Available)***Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No**      Transmissivity: \_\_\_\_\_ m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity: \_\_\_\_\_  
 Aquifer Test: **No**  
 Project: \_\_\_\_\_ Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**SE 26-050-01 W5M**

Well Number **04784**

Well Owner: **Ursel, Gordon**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Jan 40**  
 AEP: **450916**  
 Easting: **64,653.29**  
 Northing: **5,907,958.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

15-27-050-01 W5M

Well Number 04787

Well Owner: **Propp, Carlos**

Elevation (AMSL) (m): **706**

AEP: **450924**

Drilling Contractor: *Martin A Drlg*

Licence No.:

Easting: **62,649.95**

Date Started: **08 Jun 82**

Northing: **5,909,400.50**

Date Completed: **11 Jun 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **112.8** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **109.1**  
 Perforated How: **Machine**  
 from (m): **54.9** to **109.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: J**

Model: Intake (m): **79.2**

**Testing:**

Rate (lpm): **1.5** Time (minute): **240.0**  
 Level End (m): **79.2** Drawdown (m): **24.4**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	704.3	Clay & Rocks
10.7	695.2	Sandstone Soft
23.2	682.7	Shale Blue Gray
23.8	682.1	Coal
28.7	677.2	Shale Dark Gray
29.0	676.9	Coal
44.2	661.7	Shale Blue Gray
49.4	656.5	Shale Gray
59.4	646.4	Shale & Sandstone Gray
85.3	620.5	Shale & Sandstone Sandy Blue
97.5	608.3	Shale Green
106.7	599.2	Shale & Sandstone Gray
112.8	593.1	Shale & Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-050-01 W5M**

Well Number **04789**

Well Owner: **Gosselin, Peter**

Elevation (AMSL) (m): **647**

AEP: **450932**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **57,156.65**

Date Started: **28 Jul 86**

Northing: **5,908,794.50**

Date Completed: **29 Jul 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **59.1**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **82.3**  
 Perforated How: **Machine**  
 from (m): **57.9** to **82.3** Size:  
 from (m): **59.1** to **82.3** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **7.6**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	636.9	Clay
15.2	632.0	Sandstone
16.8	630.5	Sandstone & Coal
19.8	627.5	Sandstone
32.9	614.3	Shale
34.1	613.1	Coal
47.2	600.0	Shale
50.3	597.0	Sandstone
53.3	593.9	Shale
54.9	592.4	Sandstone
60.0	587.2	Shale
66.4	580.8	Sandstone
75.3	572.0	Shale
77.1	570.2	Shale
79.2	568.0	Shale
80.2	567.1	Sandstone
82.3	565.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**06-31-050-01 W5M**

Well Number **04793**

Well Owner: **Japsen, Warner**

Elevation (AMSL) (m): **721**

AEP: **450949**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **57,387.28**

Date Started: **06 May 80**

Northing: **5,910,125.50**

Date Completed: **07 May 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.8** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **22.3** to **26.8** Size: **0.10**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **1440.0**  
 Level End (m): **19.2** Drawdown (m): **5.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	719.6			Clay
6.4	715.0			Sand & Gravel
20.7	700.7			Clay
21.6	699.8			Coal
26.2	695.2			Sand
26.8	694.6			Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**12-31-050-01 W5M**

Well Number **04794**

Well Owner: **Walton, Don**

Elevation (AMSL) (m): **724**

AEP: **450952**

Licence No.:

Easting: **56,728.75**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Date Started: **28 Jul 80**

Northing: **5,910,344.50**

Date Completed: **29 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **13.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
8.8	715.2	Clay
10.7	713.3	Sand
11.9	712.1	Clay
12.5	711.5	Shale
30.5	693.5	Sandstone
32.6	691.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-050-01 W5M**

Well Number **04795**

Well Owner: **Lindberg, L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **450955**  
 Easting: **58,217.34**  
 Northing: **5,910,976.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.1** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 31-050-01 W5M**

Well Number **04796**

Well Owner: **Lindberg, Larry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **450957**  
 Easting: **58,217.34**  
 Northing: **5,910,976.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 31-050-01 W5M**

Well Number **04797**

Well Owner: **Geoscience Cons Ltd**

Elevation (AMSL) (m): **723**

AEP: **450937**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,889.52**

Date Started: **03 Feb 77**

Northing: **5,909,761.50**

Date Completed: **09 Feb 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **124.7** (m)  
 NPWL (m): **61.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **39.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **123.7**  
 Perforated How: **Torch**  
 from (m): **39.6** to **123.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **1440.0**  
 Level End (m): **106.7** Drawdown (m): **45.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

Depth (m)	Elevation (m)	Lithologic Description
2.1	720.9	Clay Yellow
9.8	713.3	Sand & Coal
12.2	710.8	Clay Blue
29.9	693.1	Shale & Coal Sandy Gray
32.0	691.0	Shale Gray
39.3	683.7	Shale Light Gray
40.5	682.5	Shale Brown
45.4	677.6	Shale & Coal Brittle Gray
56.7	666.3	Shale Dark Gray
58.5	664.5	Shale & Coal Brittle Gray
65.2	657.8	Shale Dark Gray
68.3	654.7	Shale & Coal Brown
70.7	652.3	Shale Brittle Gray
71.6	651.4	Hard Pan
73.2	649.9	Shale Brittle Gray
74.4	648.6	Shale Sandy Gray
75.9	647.1	Shale Brittle Gray
76.5	646.5	Hard Pan
88.4	634.6	Shale Sandy Gray
89.6	633.4	Shale Green
90.2	632.8	Hard Pan
92.7	630.4	Shale Green
94.8	628.2	Shale Greenish Gray
96.3	626.7	Shale Sandy Gray
97.8	625.2	Shale Dark Gray
100.6	622.4	Shale Sandy Gray
102.1	620.9	Sandstone Hard
105.2	617.9	Shale Sandy Gray
109.7	613.3	Shale Brittle Gray
111.9	611.1	Sandstone
114.3	608.7	Shale Brittle Gray
116.1	606.9	Shale Greenish Gray
117.3	605.7	Shale Sandy Gray
120.4	602.6	Shale Greenish Gray
124.7	598.3	Shale Brittle Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-050-01 W5M**

Well Number **04798**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **723**

AEP: **450933**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,889.52**

Date Started: **17 Mar 77**

Northing: **5,909,761.50**

Date Completed: **17 Mar 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **14.9** Bottom (m): **14.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **16.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **14.9** to **16.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **12.2**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	720.0	Sand
5.2	717.8	Clay Yellow
12.2	710.8	Clay Blue
12.8	710.2	Sand
13.7	709.3	Clay Blue
14.9	708.1	Coal
16.8	706.2	Sand & Coal
27.7	695.3	Clay Blue
29.0	694.1	Clay Yellow
31.1	691.9	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-050-01 W5M**

Well Number **04799**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **723**

AEP: **450943**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,889.52**

Date Started: **17 Mar 77**

Northing: **5,909,761.50**

Date Completed: **17 Mar 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **20.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **29.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **28.4** to **29.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **1440.0**  
 Level End (m): **23.8** Drawdown (m): **2.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	716.9			Clay Yellow
18.9	704.1			Clay Blue
21.3	701.7			Sand
22.9	700.1			Clay Blue
24.1	698.9			Sand & Coal
26.8	696.2			Clay Blue
29.6	693.4			Sand & Coal
32.0	691.0			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-050-01 W5M**

Well Number **04800**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **723**

AEP: **450935**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,889.52**

Date Started: **31 Jan 77**

Northing: **5,909,761.50**

Date Completed: **10 Feb 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **120.1** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **75.3**  
**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **119.2**  
 Perforated How: **Torch**  
 from (m): **45.7** to **119.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **76.2** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	718.4	Clay Sandy Yellow
9.1	713.9	Clay Blue
9.8	713.3	Sand & Coal
18.3	704.7	Clay Blue
28.4	694.7	Shale Sandy Gray
29.0	694.1	Shale Brown
32.0	691.0	Shale Sandy Gray
36.6	686.4	Shale Gray
37.5	685.5	Coal
48.8	674.2	Shale Gray
50.3	672.7	Shale Brown
50.9	672.1	Coal
56.1	666.9	Shale Gray
57.9	665.1	Shale Sandy Gray
59.4	663.6	Shale Brown
60.0	663.0	Coal
65.2	657.8	Shale Gray
74.4	648.6	Shale Sandy Gray
78.3	644.7	Shale Green
83.2	639.8	Shale Sandy Gray
85.0	638.0	Shale Green
85.3	637.7	Shale Gray
86.3	636.8	Shale Sandy Gray
87.5	635.5	Shale Gray
89.6	633.4	Shale Sandy Gray
96.3	626.7	Shale Green
102.1	620.9	Shale Sandy Gray
103.6	619.4	Shale Brittle Green
107.9	615.1	Shale Sandy Gray
111.3	611.8	Shale Gray
115.5	607.5	Shale Sandy Gray
120.1	602.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-050-01 W5M**

Well Number **04801**

Well Owner: **Berg, L.B.**

Elevation (AMSL) (m): **722**

AEP: **450946**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **57,147.91**

Date Started:

Northing: **5,909,601.84**

Date Completed:

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-32-050-01 W5M

Well Number 04802

Well Owner: **Imperial Oil**

Elevation (AMSL) (m): **724**

AEP: **450968**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,557.09**

Date Started:

Northing: **5,910,617.34**

Date Completed:

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 32-050-01 W5M**

Well Number **04803**

Well Owner: **Berry, Bill**

Elevation (AMSL) (m): **732**

AEP: **450964**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,385.62**

Date Started: **10 Jul 84**

Northing: **5,910,999.00**

Date Completed: **13 Jul 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **118.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **50.0** Bottom (m): **118.0**  
 Perforated How: **Torch**  
 from (m): **50.0** to **118.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **36.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.6	727.1	Clay Yellow
20.4	711.2	Clay Silty Blue
33.2	698.4	Shale Sandy Gray
37.8	693.9	Shale Green
38.1	693.6	Sandstone
52.1	679.5	Shale Brownish Gray
53.0	678.6	Coal
57.9	673.8	Shale Gray
60.0	671.6	Shale Sandy Gray
60.7	671.0	Shale & Coal Brown
71.3	660.3	Shale Sandy Gray
73.2	658.5	Sand & Shale Gray
73.8	657.9	Shale Green
82.3	649.4	Shale Sandy Gray
85.0	646.6	Shale Green
87.2	644.5	Shale Sandy Gray
88.4	643.3	Shale Brittle
90.2	641.4	Shale Sandy Gray
93.0	638.7	Sandstone
94.2	637.5	Shale Gray
95.1	636.6	Sandstone
103.3	628.3	Shale Greenish Gray
105.2	626.5	Sandstone
118.9	612.8	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 32-050-01 W5M**

Well Number **04804**

Well Owner: **Koziey, Paul**

Elevation (AMSL) (m): **715**

AEP: **450958**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,579.98**

Date Started: **24 May 79**

Northing: **5,910,207.50**

Date Completed: **30 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **26.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **26.8** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
7.3	707.4	Clay Sandy Yellow
17.7	697.0	Sand & Coal
22.3	692.4	Clay Yellow
28.0	686.7	Shale Brownish Gray
28.7	686.0	Shale Dark Gray
30.2	684.5	Sandstone
32.6	682.1	Shale Dark Gray
34.8	679.9	Shale & Coal Brown
43.0	671.7	Shale Greenish Gray
43.9	670.8	Coal
45.1	669.6	Shale Dark Gray
50.6	664.1	Sandstone
53.3	661.4	Shale Brownish Gray
54.0	660.7	Shale & Coal Brown
54.9	659.8	Shale Sandy Gray
67.1	647.6	Shale Greenish Gray
68.3	646.4	Sandstone
71.3	643.4	Shale Green
72.8	641.9	Sandstone
92.7	622.0	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

08-33-050-01 W5M

Well Number 04805

Well Owner: **Everington, Art**

Elevation (AMSL) (m): **712**

AEP: **450970**

Drilling Contractor: *Parkland Drlg&Sales*

Licence No.:

Easting: **61,408.81**

Date Started: **29 Jun 76**

Northing: **5,910,099.50**

Date Completed: **30 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **168.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **5.7** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	710.1	Sand
6.1	705.6	Shale Blue
7.6	704.0	Coal
18.3	693.4	Shale Blue
19.2	692.5	Sandstone
21.3	690.3	Coal
45.7	665.9	Shale Blue
52.7	658.9	Shale Sandy
54.9	656.8	Sandstone
59.4	652.2	Shale
60.4	651.3	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-33-050-01 W5M

Well Number 04806

Well Owner: **Polanuk, John**

Elevation (AMSL) (m): **718**

AEP: **450975**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **60,530.48**

Date Started:

Northing: **5,910,051.00**

Date Completed: **03 Jan 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **8.8** Bottom (m): **8.8**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **4.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **8.8** to **10.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **8.8**

**Testing:**

Rate (lpm): **54.7** Time (minute): **240.0**  
 Level End (m): **8.8** Drawdown (m): **6.4**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.4	708.3	Sand
11.9	705.9	Clay
12.2	705.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**04-33-050-01 W5M**

Well Number **04807**

Well Owner: **Polanuk, John**

Elevation (AMSL) (m): **698**

AEP: **450978**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **60,075.85**

Date Started:

Northing: **5,909,580.50**

Date Completed: **04 Jan 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **59.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **480.0**  
 Level End (m): **48.8** Drawdown (m): **13.7**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
22.3	675.6	Clay
26.2	671.7	Sandstone
27.1	670.7	Shale
28.0	669.8	Coal
41.2	656.7	Shale
43.9	654.0	Sandstone
48.8	649.1	Shale
49.7	648.2	Sandstone
59.7	638.1	Shale
64.6	633.3	Sandstone
68.6	629.3	Lost Circulation
74.7	623.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**03-33-050-01 W5M**

Well Number **04808**

Well Owner: **Polanuk, John**

Elevation (AMSL) (m): **696**

AEP: **450981**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **60,624.46**

Date Started:

Northing: **5,909,527.50**

Date Completed: **04 Jan 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **44.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): **41.2** Drawdown (m): **7.6**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
3.1	692.8	Clay & Sand
7.6	688.2	Sand
9.8	686.1	Clay
16.5	679.4	Shale
17.4	678.5	Coal
26.2	669.6	Shale
26.5	669.3	Coal
28.4	667.5	Shale
34.1	661.7	Sandstone
34.8	661.1	Shale
35.0	660.8	Coal
39.0	656.8	Shale
40.2	655.6	Sandstone
44.8	651.1	Shale
48.5	647.4	Sandstone
51.2	644.7	Shale
54.0	641.9	Sandstone
60.4	635.5	Shale
61.0	634.9	Coal
65.5	630.3	Shale
74.7	621.2	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-33-050-01 W5M

Well Number 04809

Well Owner: **Polanuk, John**

Elevation (AMSL) (m): **698**

AEP: **450984**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **60,075.85**

Date Started:

Northing: **5,909,580.50**

Date Completed: **04 Jan 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **43.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **43.6**

**Testing:**

Rate (lpm): **11.4** Time (minute): **600.0**  
 Level End (m): **43.6** Drawdown (m): **7.0**  
 Rec'd intake (m): **43.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	691.8	Clay
8.2	689.6	Sand
9.1	688.7	Coal
14.0	683.9	Clay
25.3	672.6	Shale
25.9	672.0	Sandstone
32.9	665.0	Shale
36.6	661.3	Sandstone
45.1	652.8	Shale
46.6	651.2	Sandstone
56.1	641.8	Shale
57.6	640.3	Sandstone
66.4	631.4	Shale
68.6	629.3	Sandstone
74.7	623.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**12-33-050-01 W5M**

Well Number **04810**

Well Owner: **Poliniuk, John**

Elevation (AMSL) (m): **720**

AEP: **451005**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **60,102.43**

Date Started:

Northing: **5,910,342.50**

Date Completed: **27 Apr 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **23.8** to **25.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **7.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	715.7	Clay & Sand
15.9	704.1	Clay
25.3	694.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**12-33-050-01 W5M**

Well Number **04811**

Well Owner: **Poliniuk, John**

Elevation (AMSL) (m): **720**

AEP: **451012**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **60,102.43**

Date Started:

Northing: **5,910,342.50**

Date Completed: **01 Apr 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2**                      Bottom (m): **41.2**  
 OD (mm): **115.8**                      Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **41.2**

**Testing:**  
 Rate (lpm): **6.8**                      Time (minute): **180.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m): **40.2**                      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	718.1	Sand
8.2	711.7	Clay
8.5	711.4	Coal
20.7	699.2	Sand
31.1	688.9	Shale
32.9	687.0	Coal
42.1	677.9	Shale
42.7	677.3	Coal
43.9	676.1	Shale
51.5	668.5	Sandstone
53.0	666.9	Shale
54.3	665.7	Coal
56.1	663.9	Shale
57.6	662.4	Sandstone
59.4	660.5	Shale
64.6	655.4	Sandstone
68.0	652.0	Shale
73.2	646.8	Sandstone
74.7	645.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 33-050-01 W5M**

Well Number **04812**

Well Owner: **Driscoll, Leon**

Elevation (AMSL) (m): **726**

AEP: **350687**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,170.60**

Date Started: **18 Sep 89**

Northing: **5,910,935.00**

Date Completed: **22 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **137.2** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **137.2**  
 Perforated How:  
 from (m): **131.1** to **137.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m):  
**Testing:**  
 Rate (lpm): **5.5** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **130.4** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	723.6	Clay Sandy Brown
5.8	720.2	Sandstone
14.6	711.4	Shale Gray
19.2	706.8	Sandstone
23.5	702.5	Shale & Coal Gray
24.4	701.6	Sandstone
51.8	674.2	Shale Gray
56.1	669.9	Sandstone
131.1	594.9	Shale & Sandstone Gray
132.0	594.0	Coal
137.2	588.9	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-050-01 W5M**

Well Number **04813**

Well Owner: **Everington, Arthur**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **726**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451015**  
 Easting: **61,170.60**  
 Northing: **5,910,935.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 33-050-01 W5M**

Well Number **04814**

Well Owner: **Allen, Dale**

Elevation (AMSL) (m): **715**

AEP: **450999**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,259.24**

Date Started: **09 Jan 87**

Northing: **5,910,141.00**

Date Completed: **09 Jan 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **6.1** Bottom (m): **91.4**  
 Perforated How: **Unknown**  
 from (m): **85.3** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	706.2	Clay & Sand
17.1	697.7	Shale Gray
22.9	691.9	Sandstone
33.5	681.2	Shale Gray
36.3	678.5	Sandstone
39.6	675.1	Shale Gray
42.4	672.4	Sandstone
45.4	669.3	Shale Green
46.3	668.4	Sandstone
60.7	654.1	Siltstone
64.9	649.8	Shale Green
78.6	636.1	Sandstone
79.6	635.2	Shale Green
86.0	628.8	Shale Gray
90.8	623.9	Sandstone Water Bearing
91.4	623.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**WH 33-050-01 W5M**

Well Number **04815**

Well Owner: **Allan, Dale**

Elevation (AMSL) (m): **717**

AEP: **450995**

Drilling Contractor: *Mid-West Drilling Ltd.*

Licence No.:

Easting: **60,400.44**

Date Started: **12 Dec 86**

Northing: **5,910,056.83**

Date Completed: **13 Dec 86**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **13 Dec 86**

**Casing:**  
 Type: **Steel**  
 Depth (m): **7.3**                      Bottom (m): **7.3**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                      to **7.3**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	710.2	Clay & Sand
8.2	708.7	Shale & Coal Brown
9.1	707.8	Shale Gray
9.8	707.2	Sandstone
14.9	702.0	Shale Gray
16.8	700.1	Sandstone
18.3	698.6	Shale & Coal Gray
24.1	692.8	Sandstone
26.2	690.7	Shale & Coal Gray
29.6	687.3	Shale Green
30.2	686.7	Shale Carbonaceous
30.8	686.1	Shale Gray
32.0	684.9	Sandstone
35.0	681.9	Shale Green
40.5	676.4	Sandstone Silty
41.5	675.5	Shale Gray
72.8	644.1	Sandstone
76.2	640.7	Shale Gray
79.2	637.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**WH 33-050-01 W5M**

Well Number **04816**

Well Owner: **Allan, Dale**

Elevation (AMSL) (m): **717**

AEP: **450992**

Drilling Contractor: *Mid-West Drilling Ltd.*

Licence No.:

Easting: **60,400.44**

Date Started: **11 Dec 86**

Northing: **5,910,056.83**

Date Completed: **11 Dec 86**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **11 Dec 86**

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.4**                      Bottom (m): **13.4**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                      to **13.4**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	708.4	Clay & Sand
16.8	700.1	Shale Gray
21.9	695.0	Sandstone
26.2	690.7	Shale Gray
30.8	686.1	Shale Carbonaceous
33.5	683.4	Shale Gray
36.0	680.9	Sandstone
39.0	677.9	Shale Gray
42.7	674.2	Sandstone
45.1	671.8	Shale Green
46.3	670.6	Sandstone
59.7	657.2	Siltstone
64.6	652.3	Shale Green
79.2	637.7	Sandstone
85.3	631.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**WH 33-050-01 W5M**

Well Number **04817**

Well Owner: **Allan, Dale**

Elevation (AMSL) (m): **717**

AEP: **450989**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **60,400.44**

Date Started: **10 Dec 86**

Northing: **5,910,056.83**

Date Completed: **10 Dec 86**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **10 Dec 86**

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.4**                      Bottom (m): **13.4**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m):                      to **13.4**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	705.6	Clay & Sand
14.0	702.9	Shale Gray
18.9	698.0	Shale Blue
23.8	693.1	Sandstone
32.3	684.6	Shale & Coal Gray
38.1	678.8	Sandstone Silty
39.6	677.3	Shale Green
41.5	675.5	Sandstone
43.6	673.3	Shale Green
48.8	668.1	Sandstone
51.5	665.4	Shale Green
57.9	659.0	Sandstone
64.0	652.9	Siltstone
64.6	652.3	Shale Gray
77.1	639.8	Sandstone
78.6	638.3	Shale Gray
121.9	595.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-34-050-01 W5M

Well Number 04818

Well Owner: **Enders, Joe L.**

Elevation (AMSL) (m): **709**

AEP: **451046**

Drilling Contractor: *Schuster Fred*

Licence No.:

Easting: **63,092.98**

Date Started:

Northing: **5,910,191.00**

Date Completed: **25 Jul 58**

**General:**

Type of Work: **New Well**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **57.9** (m)  
NPWL (m): **34.8** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **20.1** Bottom (m): **20.1**  
OD (mm): **90.4** Thickness (mm):  
Seal Type: **Driven**  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **600.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	705.8	Clay
12.2	696.7	Clay Sandy
20.7	688.2	Hard Pan
22.3	686.6	Coal
26.8	682.1	Hard Pan
27.7	681.1	Coal
37.5	671.4	Hard Pan
38.4	670.5	Coal
46.3	662.6	Hard Pan
47.9	661.0	Sand
54.0	654.9	Hard Pan
55.8	653.1	Rocks
57.9	651.0	Hard Pan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-34-050-01 W5M

Well Number 04819

Well Owner: **Raymond Rink**

Elevation (AMSL) (m): **710**

AEP: **451044**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **63,113.59**

Date Started: **26 Feb 75**

Northing: **5,909,517.00**

Date Completed: **02 Mar 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **3.4** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.5	708.0	Sand & Gravel
7.3	702.2	Shale Sandy Gray
7.6	701.9	Shale & Coal Brown
9.4	700.1	Shale Gray
9.8	699.8	Shale & Coal Soft Brown
24.7	684.9	Shale Gray
25.6	684.0	Shale & Coal Brown
34.1	675.4	Shale Gray
34.4	675.1	Coal
37.8	671.8	Shale Gray
38.1	671.5	Sandstone
41.2	668.4	Shale
42.1	667.5	Coal
46.9	662.6	Shale
48.2	661.4	Sandstone
55.8	653.8	Shale
56.4	653.2	Sandstone
65.5	644.0	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



12-34-050-01 W5M

Well Number 04820

Well Owner: **Still, Sheila**

Elevation (AMSL) (m): **717**

AEP: **451048**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **61,578.78**

Date Started: **01 Dec 80**

Northing: **5,910,402.00**

Date Completed: **01 Dec 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **59.4**  
 Perforated How: **Torch**  
 from (m): **53.3** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **3.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **59.1** Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
0.9	715.9	Clay
6.7	710.1	Sandstone
7.3	709.5	Coal
21.6	695.2	Shale
23.5	693.4	Coal
33.2	683.6	Shale
33.8	683.0	Coal
35.0	681.8	Shale
39.9	676.9	Sandstone
43.6	673.3	Shale
44.8	672.0	Sandstone
60.4	656.5	Shale
62.2	654.7	Sandstone
76.2	640.6	Shale
84.4	632.4	Sandstone
91.4	625.4	Shale
93.6	623.3	Sandstone
99.4	617.5	Shale
100.3	616.6	Sandstone
104.5	612.3	Shale
104.9	612.0	Sandstone
112.2	604.7	Shale
114.6	602.2	Sandstone
121.9	594.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-050-01 W5M**

Well Number **04821**

Well Owner: **Villeneuve, Henry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **717**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451047**  
 Easting: **61,578.97**  
 Northing: **5,910,388.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 34-050-01 W5M**

Well Number **04822**

Well Owner: **Anderson, Ray**

Elevation (AMSL) (m): **712**

AEP: **451045**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **63,055.79**

Date Started: **25 Aug 86**

Northing: **5,909,873.00**

Date Completed: **27 Aug 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **104.5** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **31.7** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **57.9** Drawdown (m): **28.4**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	710.5	Clay Sandy Brown
4.0	708.0	Shale Sandy Gray
4.3	707.7	Coal
15.2	696.8	Shale
16.1	695.9	Sandstone
19.8	692.2	Shale Brittle Gray
21.9	690.1	Shale & Coal Brown
24.1	687.9	Shale
24.4	687.6	Sandstone
27.7	684.3	Shale
31.1	680.9	Shale Sandy
31.4	680.6	Coal
32.6	679.4	Shale
37.2	674.8	Shale & Sandstone Sandy
37.8	674.2	Shale Brittle
38.1	673.9	Coal
104.2	607.8	Shale & Sandstone Sandy Gray
104.5	607.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 34-050-01 W5M**

Well Number **04823**

Well Owner: **Propp, Carlos**  
 Drilling Contractor: **Seis-Test**

Elevation (AMSL) (m): **709**      AEP: **451043**  
 Licence No.:      Easting: **63,114.03**  
 Date Started: **29 Jun 76**      Northing: **5,909,513.50**  
 Date Completed: **03 Jul 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **21.9**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9**      Bottom (m): **18.9**  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **18.0**      to **18.9**  
**Liner:**  
 Type:  
 OD (mm): **115.8**      Thickness (mm):  
 Top (m):      Bottom (m): **80.8**  
 Perforated How: **Torch**  
 from (m): **27.4**      to **79.2**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **44.2**  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **320.0**  
 Level End (m): **44.2**      Drawdown (m): **22.3**  
 Rec'd intake (m): **51.8**      Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	707.9	Clay & Rocks
21.3	688.1	Clay Brownish Gray
21.6	687.8	Coal
41.2	668.3	Shale Blue Gray
64.0	645.5	Shale & Sandstone Gray
77.7	631.7	Shale Blue
91.4	618.0	Shale Carbonaceous Gray
106.7	602.8	Shale & Sandstone Gray
109.7	599.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

13-35-050-01 W5M

Well Number 04824

Well Owner: **Wagner, Harvey**

Elevation (AMSL) (m): **704**

AEP: **451052**

Drilling Contractor: *Kc Drilling (Leduc)*

Licence No.:

Easting: **63,314.27**

Date Started:

Northing: **5,911,021.00**

Date Completed: **20 Jul 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Stock**  
 Completed Depth **4.3** (m)  
 NPWL (m): **.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **3.1** Bottom (m): **3.1**  
 OD (mm): **609.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **210.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **2.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	700.5	Clay
3.4	700.2	Gravel & Boulders
4.3	699.3	Sand Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

04-35-050-01 W5M

Well Number 04825

Well Owner: Zutz, D.

Elevation (AMSL) (m): 709

AEP: 451049

Licence No.:

Easting: 63,360.51

Drilling Contractor: Schuster Fred

Date Started:

Northing: 5,909,665.00

Date Completed: 20 Oct 59

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **53.0** (m)  
NPWL (m): **20.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **21.3** Bottom (m): **21.3**  
OD (mm): **90.4** Thickness (mm):  
Seal Type: **Driven**  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **360.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	704.0			Sand
19.8	689.1			Clay & Boulders
30.2	678.7			Hard Pan
30.5	678.4			Rocks
50.6	658.3			Hard Pan
51.2	657.7			Rocks
53.0	655.9			Hard Pan

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-050-01 W5M**

Well Number **04826**

Well Owner: **Howlett, Lorne**

Elevation (AMSL) (m): **710**

AEP: **451051**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **63,268.88**

Date Started:

Northing: **5,909,922.00**

Date Completed: **16 Jun 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **79.2** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.0**

**Liner:**

Type:  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **79.2**  
 Perforated How: **Torch**  
 from (m): **33.5** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **27.4** Time (minute): **1200.0**  
 Level End (m): **36.6** Drawdown (m): **19.8**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.8	707.7	Sand & Boulders
2.4	707.1	Sandstone Gray
2.7	706.8	Sandstone Brown
5.2	704.4	Shale Dark
5.5	704.1	Coal
18.9	690.7	Shale Gray
19.5	690.1	Shale & Coal
22.6	687.0	Shale Gray
23.2	686.4	Coal
30.5	679.1	Shale Gray
30.8	678.8	Rocks Gray
35.0	674.5	Shale
39.6	669.9	Sandstone Gray
43.0	666.6	Shale Gray
49.7	659.9	Sandstone Gray
52.1	657.4	Shale Blue
54.0	655.6	Sandstone Gray
56.1	653.5	Shale Blue
58.2	651.4	Sandstone
64.0	645.6	Shale Blue
79.2	630.3	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-050-01 W5M**

Well Number **04827**

Well Owner: **Howlett, Lorne #Well1**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451050**  
 Easting: **63,268.88**  
 Northing: **5,909,922.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**14-36-050-01 W5M**

Well Number **04828**

Well Owner: **Wild, W.F.**

Elevation (AMSL) (m): **705**

AEP: **451053**

Drilling Contractor: **McGinnis Robert**

Licence No.:

Easting: **65,466.68**

Date Started:

Northing: **5,910,799.00**

Date Completed: **08 Dec 63**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **42.7** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Hand**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **20.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	694.7	Clay & Rocks Brown
11.6	693.8	Sand & Coal Gravelly
13.7	691.6	Clay Gray
15.2	690.1	Sand & Gravel Water Bearing
18.3	687.1	Clay Gray
18.6	686.8	Gravel
19.8	685.5	Clay Gray
31.7	673.7	Shale Gray
33.5	671.8	Shale Blue
38.4	667.0	Shale Green
39.6	665.7	Shale Gray
42.7	662.7	Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-050-02 W5M**

Well Number **05061**

Well Owner: **Forster, Adolph**

Elevation (AMSL) (m): **695**

AEP: **451516**

Drilling Contractor: *Bob'S Drilling & Backhoe Service*

Licence No.:

Easting: **51,447.55**

Date Started:

Northing: **5,910,536.50**

Date Completed: **08 Nov 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): **31.1** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	691.2	Clay Brown
9.8	685.1	Clay Blue
13.4	681.4	Sand
19.8	675.0	Clay Blue
21.9	672.9	Sand
25.9	668.9	Clay Blue
27.4	667.4	Sand
35.0	659.8	Clay Blue
36.6	658.3	Sand
41.2	653.7	Shale
41.8	653.1	Coal
44.2	650.6	Sandstone Soft
48.2	646.7	Shale
49.4	645.4	Coal
51.8	643.0	Shale
53.0	641.8	Coal
53.6	641.2	Shale
54.9	640.0	Sandstone Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-050-02 W5M**

Well Number **05065**

Well Owner: **Fording Coal #Hole 3404-2**

Elevation (AMSL) (m): **716**

AEP: **451519**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **53,040.04**

Date Started: **26 Oct 83**

Northing: **5,910,820.50**

Date Completed: **27 Oct 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth: **150.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): **43.9** to **44.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	707.2	Clay Silty
12.2	704.1	Till
13.4	702.9	Sandstone & Coal
14.0	702.3	Sand & Gravel
15.5	700.8	Till
18.0	698.3	Sandstone
21.6	694.7	Shale & Sandstone
25.9	690.4	Sandstone
31.4	684.9	Shale
35.0	681.3	Coal
39.3	677.0	Shale
41.5	674.9	Coal
51.5	664.8	Shale
65.5	650.8	Sandstone
73.2	643.2	Shale
83.5	632.8	Sandstone
86.9	629.5	Shale
98.1	618.2	Sandstone
127.1	589.2	Shale
132.9	583.4	Sandstone
148.1	568.2	Shale
150.9	565.4	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-050-02 W5M**

Well Number **05066**

Well Owner: **Hutton, D**

Elevation (AMSL) (m): **716**

AEP: **363739**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **53,040.04**

Date Started: **22 Aug 86**

Northing: **5,910,820.50**

Date Completed: **26 Aug 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **108.8** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **59.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.7** Bottom (m): **108.8**  
 Perforated How: **Torch**  
 from (m): **59.7** to **108.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	709.9	Clay Sandy Yellow
7.0	709.3	Shale Sandy Gray
14.3	702.0	Shale Gray
26.5	689.8	Shale Sandy Gray
27.1	689.2	Shale Brown
27.7	688.6	Shale Gray
30.5	685.8	Shale Green
33.2	683.1	Shale Green
34.8	681.6	Shale & Coal Brown
41.2	675.2	Shale Gray
46.0	670.3	Shale Sandy Gray
50.6	665.7	Shale Gray
54.0	662.4	Shale Sandy Gray
62.2	654.1	Shale Light Gray
68.0	648.3	Shale Sandy Gray
71.6	644.7	Shale Green
80.2	636.2	Shale Sandy Gray
81.7	634.6	Shale Gray
99.1	617.3	Shale & Sandstone Green
102.7	613.6	Shale Sandy Gray
107.0	609.3	Sandstone
108.8	607.5	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-050-02 W5M**

Well Number **05067**

Well Owner: **Radovanovic, Antoia**

Elevation (AMSL) (m): **717**

AEP: **350646**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,899.69**

Date Started: **19 Mar 90**

Northing: **5,910,377.73**

Date Completed: **19 Mar 90**

**General:**

Type of Work: **Test Hole-Abandoned**

Drilling Method: **Rotary**

Well Use: **Domestic**

Completed Depth: **115.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Unknown**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

2.4 715.0 Clay Sandy Yellow

4.3 713.2 Sand

6.1 711.4 Sand Yellow

6.4 711.1 Coal

7.6 709.9 Sandstone

24.7 692.8 Shale Brown

25.0 692.5 Coal

26.5 691.0 Shale Gray

27.1 690.4 Shale & Coal Brown

32.9 684.6 Shale Gray

34.4 683.0 Shale & Coal Brown

34.8 682.7 Shale Gray

35.7 681.8 Shale & Coal Brown

36.6 680.9 Shale Gray

36.9 680.6 Coal

45.1 672.4 Shale Sandy Gray

46.0 671.5 Shale Brown

50.9 666.6 Shale Gray

54.9 662.6 Shale Gray

67.1 650.4 Sand Gray

88.4 629.1 Shale Green

96.3 621.2 Sand Gray

112.8 604.7 Shale Sandy Green

115.8 601.7 Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 35-050-02 W5M**

Well Number **05068**

Well Owner: **Radovanovic, Bob**

Elevation (AMSL) (m): **717**

AEP: **350647**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,899.69**

Date Started: **28 Mar 90**

Northing: **5,910,377.73**

Date Completed: **28 Mar 90**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **115.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	716.0	Clay Yellow
4.6	712.9	Clay Sandy Gray
6.1	711.4	Shale Gray
11.9	705.6	Clay Sandy Yellow
16.8	700.7	Clay Sandy Gray
17.4	700.1	Shale & Coal Brown
18.0	699.5	Shale Gray
32.6	684.9	Shale Sandy Gray
34.1	683.3	Shale & Coal Brown
39.6	677.9	Shale Gray
40.8	676.6	Coal
41.8	675.7	Shale Gray
42.4	675.1	Shale & Coal Brown
44.2	673.3	Shale Gray
44.8	672.7	Shale & Coal Brown
52.7	664.8	Shale Gray
54.9	662.6	Shale Sandy Gray
55.8	661.7	Shale & Coal Brown
58.2	659.3	Shale Gray
115.8	601.7	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---36-050-02 W5M

Well Number 05069

Well Owner: **Hydrogeological Cons**

Elevation (AMSL) (m): **714**

AEP: **451612**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,865.35**

Date Started:

Northing: **5,910,208.50**

Date Completed: **26 Feb 75**

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Auger**  
Well Use: **Unknown**  
Completed Depth **3.1** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

*(No Lithologic Information Available)*

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

---36-050-02 W5M

Well Number 05070

Well Owner: **Martel, E.**

Elevation (AMSL) (m): **714**

AEP: **451613**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,865.35**

Date Started:

Northing: **5,910,208.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth: **112.8** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



**NE 36-050-02 W5M**

Well Number **05071**

Well Owner: **Block Bros Cont Ltd, 317**

Elevation (AMSL) (m): **721**

AEP: **451605**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,954.40**

Date Started: **02 Aug 77**

Northing: **5,910,455.00**

Date Completed: **08 Aug 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **101.8** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **63.7** Bottom (m): **63.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to **63.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **100.9**  
 Perforated How: **Torch**  
 from (m): **63.7** to **100.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	716.1	Clay Yellow
5.8	714.9	Sand
7.6	713.1	Clay Blue
9.1	711.5	Shale Dark Gray
13.7	707.0	Shale Sandy Gray
14.9	705.8	Shale Dark Gray
15.9	704.8	Shale Brown
19.2	701.5	Shale Sandy Gray
19.8	700.9	Coal
21.3	699.4	Shale Dark Gray
22.9	697.8	Shale Green
27.4	693.3	Shale Light Gray
31.1	689.6	Shale Sandy Gray
31.4	689.3	Shale Brown
32.6	688.1	Shale Sandy Gray
32.9	687.8	Formation Hard
36.0	684.7	Shale Dark Gray
37.8	682.9	Shale & Coal Brown
39.0	681.7	Shale Dark Gray
39.3	681.4	Shale & Coal Brown
39.9	680.8	Shale Dark Gray
42.7	678.0	Shale Greenish Gray
43.6	677.1	Shale Dark Gray
43.9	676.8	Formation Hard
46.9	673.7	Shale Dark Gray
49.4	671.3	Shale Light Gray
50.0	670.7	Shale & Coal Brown
55.8	664.9	Shale Dark Gray
56.4	664.3	Coal
57.3	663.4	Shale Greenish Gray
57.9	662.8	Formation Hard
61.6	659.1	Shale Dark Gray
63.1	657.6	Coal
64.0	656.7	Shale Dark Gray
65.2	655.5	Shale Sandy Gray
66.8	652.1	Sandstone Hard
68.6	652.1	Shale Green
70.1	650.6	Shale Sandy Gray
73.8	646.9	Shale Dark Gray
80.5	640.2	Shale Sandy Gray
86.6	634.1	Shale Green
88.4	632.3	Shale Sandy Gray
90.8	632.3	Shale Dark Gray
93.0	627.7	Shale Sandy Gray
95.1	625.6	Shale Greenish Gray
96.6	624.1	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-050-02 W5M**

Well Number **05072**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **716**

AEP: **451603**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,861.91**

Date Started: **13 Mar 75**

Northing: **5,910,511.50**

Date Completed: **18 Mar 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **12.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **12.2** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	711.2	Clay Yellow
11.0	704.8	Clay Blue
21.3	694.5	Shale Sandy Gray
27.7	688.1	Shale Brittle Gray
30.2	685.6	Shale Gray
31.1	684.7	Shale Sandy Gray
31.4	684.4	Shale Brown
33.2	682.6	Shale Gray
35.7	680.1	Shale Sandy Gray
37.2	678.6	Shale Brown
37.8	678.0	Coal
40.2	675.6	Shale Gray
40.8	675.0	Coal
46.6	669.2	Shale Brittle Gray
47.2	668.6	Shale & Coal Brown
49.4	666.4	Shale Sandy Gray
55.8	660.0	Shale Gray
56.4	659.4	Coal
61.6	654.2	Shale Gray
64.0	651.8	Shale Brown
65.2	650.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 36-050-02 W5M**

Well Number **05073**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **729**

AEP: **451604**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,297.16**

Date Started: **19 Mar 75**

Northing: **5,910,855.50**

Date Completed: **20 Mar 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **9.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **9.1** to **10.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **7.6**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	724.5	Sand & Gravel
7.6	721.5	Clay Blue
10.7	718.4	Sand & Coal
13.7	715.4	Clay Blue
24.1	705.0	Shale Sandy Gray
29.6	699.5	Shale Dark Gray
32.9	696.2	Shale Greenish Gray
36.6	692.5	Shale Sandy Gray
38.7	690.4	Shale Brown
39.6	689.5	Coal
49.7	679.4	Shale Brittle Gray
50.3	678.8	Coal
51.5	677.6	Shale Gray
52.1	677.0	Coal
54.9	674.2	Shale Brown
56.1	673.0	Shale Gray
57.9	671.2	Shale Sandy Gray
65.2	663.9	Shale Brittle Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-050-02 W5M**

Well Number **05074**

Well Owner: **Maygard, Ivan**

Elevation (AMSL) (m): **729**

AEP: **451609**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,304.42**

Date Started: **23 Feb 83**

Northing: **5,910,850.00**

Date Completed: **24 Feb 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **10.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **6.4** Bottom (m): **6.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **6.4** to **7.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **5.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **5.2** Drawdown (m): **2.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	725.7	Sand & Coal Pebbly
5.8	723.3	Clay Yellow
7.9	721.2	Sand & Coal Coarse Grained Sal
10.4	718.7	Clay Silty Blue
10.7	718.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-050-02 W5M**

Well Number **05075**

Well Owner: **Maygard, Ivan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **723**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451608**  
 Easting: **56,331.62**  
 Northing: **5,910,393.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth: **13.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 36-050-02 W5M**

Well Number **05076**

Well Owner: **Vidler, Allen**

Elevation (AMSL) (m): **720**

AEP: **451610**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,038.44**

Date Started: **31 Mar 83**

Northing: **5,910,576.00**

Date Completed: **07 Apr 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to **69.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **69.2** Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **69.2** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	714.3	Clay Sandy Yellow
15.5	704.9	Clay Blue
21.3	699.1	Clay Sandy Yellow
21.9	698.5	Shale & Coal Dark Brown
36.3	684.2	Shale Sandy Gray
37.8	682.6	Shale & Coal Dark Brown
38.1	682.3	Shale Gray
38.7	681.7	Coal
39.0	681.4	Shale Brown
41.5	679.0	Shale Gray
42.1	678.4	Shale & Coal Brown
50.3	670.1	Shale & Coal Gray
51.5	668.9	Shale & Coal Brown
63.7	656.7	Shale & Coal Gray
65.2	655.2	Shale & Coal Brown
68.3	652.2	Shale Sandy Gray
71.0	649.4	Shale Green
77.4	643.0	Shale Sandy Gray
78.9	641.5	Shale Greenish Gray
84.7	635.7	Shale Sandy Gray
86.9	633.6	Shale Green
92.7	627.8	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 36-050-02 W5M**

Well Number **05077**

Well Owner: **Garnier, Richard**

Elevation (AMSL) (m): **721**

AEP: **451601**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,967.82**

Date Started: **05 Sep 89**

Northing: **5,910,449.50**

Date Completed: **07 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **8.5** Bottom (m): **8.5**  
 OD (mm): **139.7** Thickness (mm): **0.0**  
 Seal Type: **Formation Seal**  
 from (m): to **8.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **8.5** Bottom (m): **86.9**  
 Perforated How: **Machine**  
 from (m): **8.5** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **41.2** Drawdown (m): **29.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	718.9	Clay Yellow
7.9	713.4	Shale Light Gray
9.4	711.9	Shale Brittle
29.3	692.1	Shale Sandy Gray
33.8	687.5	Shale Green
34.4	686.9	Coal
38.1	683.3	Shale Gray
39.0	682.4	Shale Dark Brown
45.1	676.3	Shale Green
45.7	675.6	Coal
53.6	667.7	Shale Gray
54.3	667.1	Coal
54.9	666.5	Shale Green
55.2	666.2	Sandstone
57.9	663.5	Shale Gray
58.8	662.5	Coal
61.3	660.1	Shale Gray
62.8	658.6	Shale Sandy Gray
64.6	656.8	Shale Green
67.1	654.3	Shale Sandy Gray
74.4	647.0	Shale Greenish Gray
83.5	637.9	Shale Sandy Gray
86.9	634.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 36-050-02 W5M**

Well Number **05078**

Well Owner: **Mclennan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **723**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451600**  
 Easting: **55,942.32**  
 Northing: **5,910,404.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 36-050-02 W5M**

Well Number **05079**

Well Owner: **Consumer Assistance**

Elevation (AMSL) (m): **719**

AEP: **451598**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,225.49**

Date Started:

Northing: **5,910,633.50**

Date Completed: **21 May 86**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth: **137.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:    Intake (m):

**Testing:**  
 Rate (lpm):                                      Time (minute):  
 Level End (m):                                  Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-050-02 W5M**

Well Number **05080**

Well Owner: **Grove Realty**

Elevation (AMSL) (m): **722**

AEP: **451594**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,635.36**

Date Started: **27 Mar 75**

Northing: **5,910,896.50**

Date Completed: **01 Apr 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **63.1**

**Liner:**  
 Type:  
 OD (mm): **90.4** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **63.1** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	713.1	Clay & Sand
11.0	710.7	Clay Blue
12.2	709.5	Sand
13.7	707.9	Clay Blue
19.5	702.1	Shale Sandy Gray
21.3	700.3	Shale Gray
25.3	696.3	Shale Brittle Gray
25.9	695.7	Shale & Coal Brown
29.9	691.8	Shale Gray
32.9	688.7	Shale Brittle Brown
36.0	685.7	Shale Sandy Gray
36.9	684.8	Shale & Coal Brown
45.1	676.5	Shale Gray
45.7	675.9	Coal
53.0	668.6	Shale Gray
53.3	668.3	Coal
54.0	667.7	Soapstone
60.0	661.6	Shale Gray
60.7	661.0	Shale & Coal Brown
63.4	658.2	Shale Green
71.6	650.0	Shale Sandy Gray
74.4	647.3	Shale Brittle Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-050-02 W5M**

Well Number **05081**

Well Owner: **Martel, Ellen**

Elevation (AMSL) (m): **722**

AEP: **451595**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,203.73**

Date Started: **23 Nov 79**

Northing: **5,910,677.00**

Date Completed: **28 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m): to **43.0**

**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **43.0** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	717.2	Clay Sandy Yellow
6.7	715.0	Clay Blue
8.2	713.5	Shale Sandy Gray
10.4	711.4	Shale Greenish Gray
16.8	705.0	Shale & Coal Sandy Gray
33.2	688.5	Shale Gray
34.1	687.6	Coal
36.6	685.2	Shale Gray
37.8	684.0	Coal
47.9	673.9	Shale Gray
48.8	673.0	Shale & Coal Brown
62.2	659.6	Shale Gray
64.0	657.7	Shale Sandy Gray
66.1	655.6	Shale Gray
67.4	654.4	Shale Sandy Gray
79.6	642.2	Shale Green
82.3	639.5	Shale Sandy Gray
92.7	629.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-050-02 W5M**

Well Number **05082**

Well Owner: **Miller, Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451597**  
 Easting: **55,225.49**  
 Northing: **5,910,633.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<p><b>(No Lithologic Information Available)</b></p>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-050-02 W5M**

Well Number **05083**

Well Owner: **Rebus, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451593**  
 Easting: **55,225.49**  
 Northing: **5,910,633.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **10.7** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-050-02 W5M**

Well Number **05084**

Well Owner: **Focht, Wilf**

Elevation (AMSL) (m): **719**

AEP: **451531**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **56,616.39**

Date Started: **21 May 86**

Northing: **5,909,807.00**

Date Completed: **29 May 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **130.1** (m)  
 NPWL (m): **64.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **130.1**  
 Perforated How: **Machine**  
 from (m): **61.0** to **130.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **128.0**

**Testing:**  
 Rate (lpm): Time (minute): **240.0**  
 Level End (m): **128.0** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	718.8	Clay Gray
3.4	715.7	Shale White
4.3	714.8	Shale Gray
6.4	712.7	Shale Brown
11.0	708.1	Sandstone Coarse Grained
11.6	707.5	Shale & Coal Gray
18.6	700.5	Sandstone
21.3	697.8	Shale Gray
22.9	696.2	Shale
25.0	694.1	Sandstone
27.4	691.7	Shale
29.0	690.1	Shale Brown
29.9	689.2	Coal
34.8	684.3	Coal
44.5	674.6	Coal
50.3	668.8	Coal
51.8	667.3	Shale Gray
52.1	667.0	Sandstone
55.5	663.6	Coal
61.6	657.5	Shale
68.9	650.2	Sandstone
76.2	642.9	Shale
77.4	641.7	Sandstone White
93.0	626.1	Shale
130.1	589.0	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-050-02 W5M**

Well Number **05085**

Well Owner: **Hinterschuster, Josef**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **451529**  
 Easting: **56,594.62**  
 Northing: **5,909,800.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-050-02 W5M**

Well Number **05086**

Well Owner: **Oberg, Leslie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed: **02 Feb 84**  
 AEP: **451527**  
 Easting: **56,594.62**  
 Northing: **5,909,800.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 36-050-02 W5M**

Well Number **05087**

Well Owner: **Miller, B.**

Elevation (AMSL) (m): **717**

AEP: **451591**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **55,238.98**

Date Started: **28 Jul 79**

Northing: **5,910,565.50**

Date Completed: **31 Jul 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **112.8** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **19.2**

**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **112.8**  
 Perforated How: **Torch**  
 from (m): **100.6** to **112.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **112.8**

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	712.6	Clay
7.6	709.5	Shale
15.2	701.9	Sandstone Soft
21.3	695.8	Shale Gray
24.4	692.8	Shale Brown
61.0	656.2	Shale Gray
67.1	650.1	Shale Green
85.3	631.8	Shale Gray
87.8	629.4	Sandstone Hard
91.4	625.7	Shale Gray
97.5	619.6	Shale Brown
112.8	604.4	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**12-31-050-03 W5M**

Well Number **05315**

Well Owner: **Mcdougall, Gary**

Elevation (AMSL) (m): **706**

AEP: **366251**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **37,070.65**

Date Started: **11 Aug 92**

Northing: **5,910,399.50**

Date Completed: **12 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.5** (m)  
 NPWL (m): **36.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **25.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **55.5**  
 Perforated How: **Saw**  
 from (m): **30.5** to **50.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi 13st** Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **180.0**  
 Level End (m): **42.4** Drawdown (m): **6.1**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	696.2	Clay Yellow
21.0	684.9	Clay Blue
21.3	684.6	Coal
26.2	679.8	Shale Gray
26.5	679.5	Clay & Coal Blue
27.7	678.2	Sandstone
28.7	677.3	Shale Gray
33.2	672.8	Shale Green
50.0	656.0	Sandstone
55.5	650.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-050-03 W5M**

Well Number **05316**

Well Owner: **Moquin, J**

Elevation (AMSL) (m): **682**

AEP: **365241**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **37,915.60**

Date Started: **26 May 81**

Northing: **5,909,876.50**

Date Completed: **26 May 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **9.8** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.0** Bottom (m): **7.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **7.0** to **8.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **6.7**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **6.7** Drawdown (m): **2.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	677.0		Clay
5.5	676.1		Sand Coarse Grained
9.8	671.9		Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-19-050-04 W5M

Well Number 05371

Well Owner: **Esch Realty**

Elevation (AMSL) (m): **751**

AEP: **410690**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **27,732.54**

Date Started: **09 Sep 77**

Northing: **5,907,360.00**

Date Completed: **11 Sep 77**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Investigation**  
Completed Depth **27.4** (m)  
NPWL (m): **3.8** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **26.2** Bottom (m): **26.2**  
OD (mm): **114.3** Thickness (mm): **0.0**  
Seal Type: **Unknown**  
from (m): to **18.3**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **25.0** to **26.2** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **600.0**  
Level End (m): **22.9** Drawdown (m): **5.2**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**  
20.4 730.7 Clay  
27.4 723.7 Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-050-04 W5M**

Well Number **05372**

Well Owner: **Kohut Ranches**

Elevation (AMSL) (m): **716**

AEP: **410711**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **30,713.45**

Date Started: **10 Mar 81**

Northing: **5,906,880.00**

Date Completed: **12 Mar 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to **62.5**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): **62.5** Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **62.5** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	712.2	Clay Yellow
9.8	706.1	Sand & Gravel
10.4	705.5	Coal
11.0	704.9	Clay Blue
12.2	703.7	Shale & Coal Brown
16.8	699.1	Shale Brown
17.7	698.2	Coal
34.4	681.4	Shale Sandy Gray
36.6	679.3	Shale Brittle Green
42.7	673.2	Shale Sandy Gray
43.3	672.6	Shale Dark Gray
44.5	671.3	Sandstone
48.5	667.4	Shale Brown
64.0	651.8	Shale Sandy Gray
65.2	650.6	Shale Sandy Gray
66.8	649.1	Shale Brittle
68.0	647.9	Shale & Coal Brown
83.8	632.0	Shale Sandy Gray
86.0	629.9	Shale Gray
86.9	629.0	Shale Sandy Gray
89.9	625.9	Shale & Coal Brown
96.3	619.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 20-050-04 W5M**

Well Number **05373**

Well Owner: **Randon, J.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411131**  
 Easting: **29,816.94**  
 Northing: **5,907,259.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **16 Apr 73**

pH (pH unit) <b>7.10</b>	COD	Mercury
Cond. (µS/cm) <b>1320</b>	SAR	Nickel
TDS <b>450.0</b>	TKN <b>0.02</b>	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>108.02</b>	TN	Vanadium
Magnesium <b>44.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>450.00</b>
Aluminum	Barium	Manganese
Sulphate <b>284.82</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>490.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 20-050-04 W5M**

Well Number **05374**

Well Owner: **Randon, J.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411123**  
 Easting: **29,816.94**  
 Northing: **5,907,259.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **16 Apr 73**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>2160</b>	SAR	Nickel
TDS <b>1510</b>	TKN <b>0.01</b>	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>7.01</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>26.00</b>
Aluminum	Barium	Manganese
Sulphate <b>109.99</b>	Beryllium	Phosphate
Chloride <b>360.17</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>2.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>510.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 20-050-04 W5M**

Well Number **05375**

Well Owner: **Cowley Ranches**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **701**      AEP: **410702**  
 Licence No.:      Easting: **30,421.88**  
 Date Started: **06 Mar 64**      Northing: **5,906,692.50**  
 Date Completed: **06 Mar 64**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **73.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **21.0**      Bottom (m): **21.0**  
 OD (mm): **127.0**      Thickness (mm):  
 Seal Type: **Driven**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **108.0**      Thickness (mm):  
 Top (m): **21.0**      Bottom (m): **82.0**  
 Perforated How: **Unknown**  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Submersible**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **6.8**      Time (minute): **60.0**  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	698.8	Clay
8.8	691.8	Gravel
17.4	683.3	Coal
22.9	677.8	Shale
28.0	672.6	Sandstone
37.2	663.5	Shale
44.2	656.5	Sandstone
52.4	648.2	Shale
59.4	641.2	Sandstone
72.8	627.8	Shale
82.0	618.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



14-21-050-04 W5M

Well Number 05376

Well Owner: Free Methodist Church

Elevation (AMSL) (m): 696

AEP: 410740

Drilling Contractor: Scott, H.A. Drilling

Licence No.:

Easting: 31,415.27

Date Started: 20 Oct 77

Northing: 5,907,542.50

Date Completed: 25 Oct 77

**General:**

Type of Work: **New Well**  
Drilling Method: **Cable Tool**  
Well Use: **Domestic**  
Completed Depth **24.4** (m)  
NPWL (m): **13.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **18.9** Bottom (m): **18.9**  
OD (mm): **141.2** Thickness (mm):  
Seal Type: **Driven**  
from (m): to **18.9**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm):  
Top (m): Bottom (m): **24.4**  
Perforated How: **Torch**  
from (m): **18.9** to **24.4** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
Level End (m): **13.7** Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	693.2	Clay
17.7	678.6	Sand & Gravel
23.2	673.1	Coal
24.4	671.9	Shale

Laboratory: **14 Feb 85**

pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1590</b>	SAR	Nickel
TDS	<b>1055</b>	TKN	Selenium
Sodium	<b>172.04</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>152.91</b>	TN	Vanadium
Magnesium	<b>42.07</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>707.11</b>	Arsenic	Total Hardness <b>555.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>329.97</b>	Beryllium	Phosphate
Chloride	<b>6.03</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>18.75</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>580.0</b>
Silica	<b>16.50</b>	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**NW 21-050-04 W5M**

Well Number **05377**

Well Owner: **Cowley**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410748**  
 Easting: **31,144.28**  
 Northing: **5,907,327.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		11 Sep 62
pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1204</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>100.00</b>
Aluminum	Barium	Manganese
Sulphate <b>44.19</b>	Beryllium	Phosphate
Chloride <b>53.88</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>980.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 21-050-04 W5M**

Well Number **05378**

Well Owner: **Kohut Ranches**

Elevation (AMSL) (m): **700**

AEP: **410751**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,144.28**

Date Started: **31 Mar 86**

Northing: **5,907,327.00**

Date Completed: **31 Mar 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **89.6** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **89.6**  
 Perforated How: **Torch**  
 from (m): **57.3** to **89.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **39.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	697.9			Sand Coarse Grained
7.0	692.7			Sand & Gravel
10.4	689.3			Sand Coarse Grained
13.1	686.6			Clay & Rocks Yellow
21.0	678.7			Shale & Gravel Brown
22.9	676.8			Coal
26.5	673.2			Shale Sandy Gray
28.0	671.7			Shale Green
28.7	671.1			Shale Sandy Gray
29.9	669.8			Shale Gray
31.4	668.3			Shale Brittle Gray
36.6	663.1			Shale Greenish Gray
50.9	648.8			Shale Sandy Gray
53.3	646.4			Shale Gray
65.2	634.5			Shale Sandy Gray
70.7	629.0			Shale Greenish Gray
71.6	628.1			Shale Brown
73.5	626.3			Shale Sandy Gray
75.9	623.8			Shale Brownish Gray
79.2	620.5			Shale Sandy Gray
83.5	616.2			Sandstone
88.7	611.0			Shale Sandy Gray
89.6	610.1			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-050-04 W5M**

Well Number **05379**

Well Owner: **Walker, B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **700**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410735**  
 Easting: **31,144.28**  
 Northing: **5,907,327.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>30 Nov 71</b>	
pH (pH unit)	<b>7.51</b>	COD	Mercury
Cond. (µS/cm)	<b>1300</b>	SAR	Nickel
TDS	<b>970.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>16.03</b>	TN	Vanadium
Magnesium	<b>31.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>170.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>139.77</b>	Beryllium	Phosphate
Chloride	<b>12.05</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>685.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 21-050-04 W5M**

Well Number **05380**

Well Owner: **Kohut, L.**

Elevation (AMSL) (m): **689**

AEP: **410726**

Licence No.:

Easting: **30,825.82**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **07 Oct 81**

Northing: **5,906,724.50**

Date Completed: **07 Oct 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **82.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **11.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **11.3** Bottom (m): **82.3**  
 Perforated How: **Torch**  
 from (m): **38.4** to **44.8** Size:  
 from (m): **67.4** to **82.3** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Gould**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **73.0** Time (minute): **240.0**  
 Level End (m): **51.8** Drawdown (m): **39.6**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	687.2	Sand
10.7	678.0	Gravel
12.2	676.5	Shale
15.2	673.5	Shale & Coal Dark
16.8	671.9	Coal
21.3	667.4	Shale & Sandstone Sandy
27.4	661.3	Shale & Sandstone Ledges Sandy
33.5	655.2	Sandstone & Shale Strg'S Brow
39.6	649.1	Shale & Sandstone
48.8	639.9	Sandstone Gray
51.8	636.9	Shale
57.9	630.8	Shale & Sandy Stringers
70.1	618.6	Shale
76.2	612.5	Sand
77.7	611.0	Sand & Sandstone
80.8	607.9	Sand
82.3	606.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-050-04 W5M

Well Number 05381

Well Owner: **Alta Env #1504e**

Elevation (AMSL) (m): **689**

AEP: **410839**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,415.55**

Date Started: **21 Sep 75**

Northing: **5,907,556.00**

Date Completed: **21 Sep 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth: **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	686.0	Silt Dark Gray
8.2	680.9	Gravel
11.3	677.8	Coal
12.2	676.9	Siltstone Black
15.2	673.9	Coal
19.8	669.3	Siltstone Gray
22.3	666.8	Sandstone Gray
23.5	665.6	Siltstone Gray
30.5	658.6	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

11-22-050-04 W5M

Well Number 05382

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **683**

AEP: **410834**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **33,094.32**

Date Started: **07 Sep 79**

Northing: **5,906,998.50**

Date Completed: **08 Sep 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Industrial**  
 Completed Depth **7.6** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Br**  
 OD (mm): **1.8**  
 from (m): **5.2** to **7.0** Size: **0.06**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **6.7** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	680.0	Sand
7.0	676.0	Gravel Coarse Grained
7.6	675.4	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

06-22-050-04 W5M

Well Number 05383

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **684**

AEP: **410766**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **33,048.35**

Date Started: **08 Sep 79**

Northing: **5,906,714.00**

Date Completed: **09 Sep 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Industrial**  
 Completed Depth **7.9** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Br**  
 OD (mm): **1.8**  
 from (m): **5.2** to **7.0** Size: **0.06**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **6.7** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	681.0	Sand
7.0	677.0	Gravel
7.9	676.1	Clay & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



06-22-050-04 W5M

Well Number 05384

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **684**

AEP: **410808**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **33,048.35**

Date Started: **24 Oct 80**

Northing: **5,906,714.00**

Date Completed: **24 Oct 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **12.2** (m)  
 NPWL (m): **4.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **7.9** Bottom (m): **7.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **7.9** to **11.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **57.0** Time (minute): **60.0**  
 Level End (m): **6.7** Drawdown (m): **2.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	681.6	Silt
7.9	676.1	Sand & Gravel
11.3	672.7	Sand
11.9	672.1	Coal
12.2	671.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-22-050-04 W5M

Well Number 05385

Well Owner: **Andex Oil Comp Ltd #Piez 1**

Elevation (AMSL) (m): **684**

AEP: **410826**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **33,048.35**

Date Started: **09 Nov 83**

Northing: **5,906,714.00**

Date Completed: **10 Nov 83**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Unknown**  
Completed Depth **11.9** (m)  
NPWL (m): **2.0** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **4.0** Bottom (m): **4.0**  
OD (mm): **50.8** Thickness (mm):  
Seal Type: **Puddled Clay**  
from (m): to **0.9**

**Liner:**

Type:  
OD (mm): **50.8** Thickness (mm):  
Top (m): Bottom (m): **5.5**  
Perforated How: **Machine**  
from (m): **4.0** to **5.5** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **300.0**  
Level End (m): **4.9** Drawdown (m): **3.1**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	683.1	Clay
3.4	680.7	Sand & Gravel
7.0	677.0	Silt Clayey
11.9	672.1	Shale & Gravel

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

06-22-050-04 W5M

Well Number 05386

Well Owner: **Andex Oil Comp Ltd #Piez 2**

Elevation (AMSL) (m): **684**

AEP: **410809**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **33,048.35**

Date Started: **10 Nov 83**

Northing: **5,906,714.00**

Date Completed: **10 Nov 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **11.9** (m)  
 NPWL (m): **2.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **4.0** Bottom (m): **4.0**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to **0.9**

**Liner:**

Type:  
 OD (mm): **50.8** Thickness (mm):  
 Top (m): Bottom (m): **5.5**  
 Perforated How: **Machine**  
 from (m): **4.0** to **5.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **300.0**  
 Level End (m): **4.9** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.1	681.9	Clay Sandy
5.5	678.5	Sand & Gravel
11.9	672.1	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

06-22-050-04 W5M

Well Number 05387

Well Owner: **Andex Oil Comp Ltd #Piez 3**

Elevation (AMSL) (m): **684**

AEP: **410811**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **33,048.35**

Date Started: **10 Nov 83**

Northing: **5,906,714.00**

Date Completed: **10 Nov 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **11.9** (m)  
 NPWL (m): **5.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **7.0** Bottom (m): **7.0**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **50.8** Thickness (mm):  
 Top (m): Bottom (m): **8.5**  
 Perforated How: **Machine**  
 from (m): **7.0** to **8.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **300.0**  
 Level End (m): **8.5** Drawdown (m): **3.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	683.1	Clay Sandy
4.6	679.4	Sand
8.5	675.5	Gravel
11.6	672.4	Coal
11.9	672.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

06-22-050-04 W5M

Well Number 05388

Well Owner: **Andex Oil Comp Ltd #Piez 4**

Elevation (AMSL) (m): **684**

AEP: **410816**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **33,048.35**

Date Started: **11 Nov 83**

Northing: **5,906,714.00**

Date Completed: **11 Nov 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Other**  
 Completed Depth **11.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **4.9** Bottom (m): **4.9**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **50.8** Thickness (mm):  
 Top (m): Bottom (m): **7.9**  
 Perforated How: **Machine**  
 from (m): **4.9** to **7.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **300.0**  
 Level End (m): **7.9** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	681.0	Clay & Sand
7.9	676.1	Gravel
11.9	672.1	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

06-22-050-04 W5M

Well Number 05389

Well Owner: **Andex Oil Ltd**

Elevation (AMSL) (m): **684**

AEP: **410802**

Drilling Contractor: *Elk Point Drilling Corp.*

Licence No.:

Easting: **33,048.35**

Date Started: **07 Oct 80**

Northing: **5,906,714.00**

Date Completed: **09 Oct 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **8.5** Bottom (m): **8.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **8.5** to **10.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **47.9** Time (minute): **1440.0**  
 Level End (m): **7.0** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	681.6	Silt
6.4	677.6	Sand & Gravel
11.6	672.4	Sand Blue Gray
12.2	671.8	Silt
18.3	665.7	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

03-22-050-04 W5M

Well Number 05390

Well Owner: **Andex Oil Ltd.**

Elevation (AMSL) (m): **684**

AEP: **410794**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **33,155.42**

Date Started: **08 Oct 83**

Northing: **5,905,990.00**

Date Completed: **09 Oct 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Industrial**  
 Completed Depth **12.5** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **12.5** Bottom (m): **12.5**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **4** Intake (m): **11.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **300.0**  
 Level End (m): **12.2** Drawdown (m): **7.3**  
 Rec'd intake (m): **11.6** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	679.6	Clay Silty
5.2	678.3	Gravel Silty
6.7	676.8	Gravel Clean
7.3	676.2	Gravel & Boulders
7.9	675.6	Sand & Gravel Medium Grained G
12.2	671.3	Coal Dirty
12.5	671.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 22-050-04 W5M**

Well Number **05391**

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **689**

AEP: **410833**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **32,415.87**

Date Started: **13 Sep 79**

Northing: **5,907,534.50**

Date Completed: **13 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Unknown**  
 Completed Depth **7.6** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **7.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Br**  
 OD (mm): **1.8**  
 from (m): **5.2** to **7.0** Size: **0.06**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **59.3** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
3.1	685.8	Sand
7.0	681.9	Gravel
7.6	681.3	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 22-050-04 W5M**

Well Number **05392**

Well Owner: **Mcdougall, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **689**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410830**  
 Easting: **32,415.87**  
 Northing: **5,907,534.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **6.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Concrete**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **22 Aug 74**

pH (pH unit) <b>7.20</b>	COD	Mercury
Cond. (µS/cm) <b>1330</b>	SAR	Nickel
TDS <b>821.0</b>	TKN	Selenium
Sodium <b>29.90</b>	Nitrate	Strontium
Potassium <b>3.91</b>	Nitrite	Molybdenum
Calcium <b>187.98</b>	TN	Vanadium
Magnesium <b>44.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>599.73</b>	Arsenic	Total Hardness <b>651.00</b>
Aluminum	Barium	Manganese
Sulphate <b>222.86</b>	Beryllium	Phosphate
Chloride <b>30.84</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride <b>0.21</b>	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>492.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 22-050-04 W5M**

Well Number **05393**

Well Owner: **Anden**

Elevation (AMSL) (m): **684**

AEP: **410780**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **33,048.25**

Date Started: **15 Sep 82**

Northing: **5,906,724.00**

Date Completed: **17 Sep 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Industrial**  
 Completed Depth **14.0** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **4** Intake (m): **12.2**

**Testing:**

Rate (lpm): **547.3** Time (minute): **180.0**  
 Level End (m): **6.4** Drawdown (m): **3.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **547.3**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	680.3	Clay Silty
11.0	673.0	Sand & Gravel
11.6	672.4	Gravel Sandy
14.0	670.0	Sandstone & Coal Shaly

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-050-04 W5M**

Well Number **05394**

Well Owner: **Andex**

Elevation (AMSL) (m): **684**

AEP: **410787**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **33,048.25**

Date Started: **18 Sep 82**

Northing: **5,906,724.00**

Date Completed: **20 Sep 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Industrial**  
 Completed Depth **9.1** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **8.5**  
**Testing:**  
 Rate (lpm): **82.1** Time (minute): **240.0**  
 Level End (m): **8.5** Drawdown (m): **4.9**  
 Rec'd intake (m): **8.5** Rec'd Rate (lpm): **73.0**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	680.3	Clay Silty
4.3	679.7	Gravel Silty
6.1	677.9	Sand & Gravel
8.5	675.5	Coal
9.1	674.9	Sandstone & Shale Ledges

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-050-04 W5M**

Well Number **05395**

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **684**

AEP: **410764**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **33,048.25**

Date Started: **10 Sep 79**

Northing: **5,906,724.00**

Date Completed: **11 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Industrial**  
 Completed Depth **7.9** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Br**  
 OD (mm): **1.8**  
 from (m): to Size: **0.06**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **6.7** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 3.1 681.0 Clay  
 7.9 676.1 Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-050-04 W5M**

Well Number **05396**

Well Owner: **Andex Oil Comp Ltd**

Elevation (AMSL) (m): **684**

AEP: **410760**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **33,048.25**

Date Started: **14 Sep 79**

Northing: **5,906,724.00**

Date Completed: **14 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Industrial**  
 Completed Depth **10.1** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **10.1** Bottom (m): **10.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **10.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Br**  
 OD (mm): **1.8**  
 from (m): to Size: **0.06**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 3.1 681.0 Sand  
 10.1 673.9 Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-050-04 W5M**

Well Number **05397**

Well Owner: **Andex Oil Comp Ltd.**

Elevation (AMSL) (m): **684**

AEP: **410767**

Drilling Contractor: *Sds Drilling Ltd./Division Of Sds Indust*

Licence No.:

Easting: **33,048.25**

Date Started: **11 Sep 79**

Northing: **5,906,724.00**

Date Completed: **12 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Other**  
 Well Use: **Industrial**  
 Completed Depth **9.4** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **9.4** Bottom (m): **9.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **9.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **Br**  
 OD (mm): **1.8**  
 from (m): **7.0** to **8.8** Size: **0.06**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **6.7** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.7	680.3	Sand
9.4	674.6	Gravel Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-050-04 W5M**

Well Number **05398**

Well Owner: **Nowak, R.L.**

Elevation (AMSL) (m): **684**

AEP: **410773**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **33,048.25**

Date Started: **20 Apr 81**

Northing: **5,906,724.00**

Date Completed: **23 Apr 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Unknown**  
 Completed Depth **11.3** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **711.2** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **11.0**

**Testing:**

Rate (lpm): **136.8** Time (minute): **240.0**  
 Level End (m): **11.0** Drawdown (m): **8.2**  
 Rec'd intake (m): **11.0** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.7	681.3	Clay Silty
5.5	678.5	Gravel
6.4	677.6	Gravel & Boulders
8.5	675.5	Clay & Coal Gray
8.8	675.2	Clay Gray
11.3	672.7	Shale Stringers

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 22-050-04 W5M**

Well Number **05399**

Well Owner: **Underwood-McLellan Ltd**

Elevation (AMSL) (m): **684**

AEP: **410768**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **33,048.25**

Date Started: **06 May 81**

Northing: **5,906,724.00**

Date Completed: **17 May 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Unknown**  
 Completed Depth **9.4** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **9.4** Bottom (m): **9.4**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **2.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **6.1** to **6.4** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **9.1**

**Testing:**

Rate (lpm): **159.6** Time (minute): **240.0**  
 Level End (m): **9.1** Drawdown (m): **6.4**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **136.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	681.0	Clay Silty
6.4	677.6	Gravel & Boulders
9.4	674.6	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 27-050-04 W5M**

Well Number **05411**

Well Owner: **Bender, B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410872**  
 Easting: **32,478.24**  
 Northing: **5,908,489.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **2.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **24 Feb 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1392</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>80.00</b>
Aluminum	Barium	Manganese
Sulphate <b>259.84</b>	Beryllium	Phosphate
Chloride <b>8.15</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>860.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**16-28-050-04 W5M**

Well Number **05412**

Well Owner: **Hansen, A.**

Elevation (AMSL) (m): **754**

AEP: **410892**

Drilling Contractor: *Mcauley Drilling Co. Ltd.*

Licence No.:

Easting: **32,214.94**

Date Started: **01 Jan 72**

Northing: **5,908,732.50**

Date Completed: **14 Sep 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic & Stock**  
 Completed Depth **38.1** (m)  
 NPWL (m): **29.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **104.9** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **104.9** Thickness (mm):  
 Top (m): Bottom (m): **38.1**  
 Perforated How:  
 from (m): **18.9** to **19.8** Size:  
 from (m): **32.0** to **36.6** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	743.3	Till Gray
13.7	739.9	Shale Gray
16.8	736.9	Siltstone Greenish Gray
18.9	734.8	Shale Brownish Gray
19.2	734.5	Coal
21.9	731.7	Shale Brownish Gray
26.2	727.4	Siltstone Gray
26.5	727.1	Sandstone Medium Grained Gray
26.8	726.8	Coal
28.0	725.6	Shale Black
28.4	725.3	Sandstone Medium Grained Gray
32.0	721.7	Siltstone Brownish Gray
32.9	720.7	Sandstone Medium Grained Gray
36.9	716.8	Sandstone Coarse Grained Gray
38.1	715.6	Sandstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-050-04 W5M**

Well Number **05413**

Well Owner: **Hansen, A.**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **754**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410899**  
 Easting: **32,214.63**  
 Northing: **5,908,722.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **13.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **22.9**  
 Perforated How: **Torch**  
 from (m): **19.8** to **22.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **21.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **6.1**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
5.5	748.1	Clay
19.5	734.0	Shale
19.8	733.7	Coal
22.9	730.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-050-04 W5M**

Well Number **05414**

Well Owner: **Hansen, A.**

Elevation (AMSL) (m): **754**

AEP: **410903**

Drilling Contractor: *Double S Drilling*

Licence No.:

Easting: **32,214.63**

Date Started: **16 Oct 80**

Northing: **5,908,722.50**

Date Completed: **16 Oct 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **25.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Hand Drill**  
 from (m): **19.2** to **25.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **60.0**  
 Level End (m): **25.3** Drawdown (m): **10.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	747.5	Clay Yellow
15.9	737.7	Clay Dark
18.3	735.3	Clay & Sand Gray
19.5	734.0	Shale Dark
25.3	728.3	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 28-050-04 W5M**

Well Number **05415**

Well Owner: **Hansen, A.**

Elevation (AMSL) (m): **751**

AEP: **410907**

Drilling Contractor: *Double S Drilling*

Licence No.:

Easting: **32,051.83**

Date Started:

Northing: **5,908,568.26**

Date Completed: **16 Oct 80**

**General:**

Type of Work: **New Well-Abandoned**  
Drilling Method: **Unknown**  
Well Use: **Domestic & Stock**  
Completed Depth: **106.7** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Unknown**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type: **Driven**  
from (m):                      to **29.3**

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                                      Intake (m):

**Testing:**

Rate (lpm): **2.3**                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	746.5			Clay Yellow
29.3	721.8			Till Dark
32.9	718.2			Clay Sandy
40.8	710.2			Sandstone
57.9	693.2			Clay Sandy
59.7	691.3			Sandstone
106.7	644.4			Clay & Sandstone Layers Sandy

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 28-050-04 W5M**

Well Number **05416**

Well Owner: **Mykituk, P.**

Elevation (AMSL) (m): **723**

AEP: **410885**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **32,133.55**

Date Started: **01 Jan 70**

Northing: **5,907,842.00**

Date Completed: **08 Jul 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **11.6** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **10.1** Bottom (m): **10.1**  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **10.1** to **11.3** Size: **0.10**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **900.0**  
 Level End (m): Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	714.1	Clay Yellow
9.1	713.5	Sand Yellow
10.1	712.6	Clay Yellow
11.3	711.4	Sand & Coal Soft
11.6	711.1	Clay Brown

Laboratory:		<b>08 Oct 75</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>1850</b>	SAR	Nickel
TDS	<b>1149</b>	TKN	Selenium
Sodium	<b>416.99</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>30.06</b>	TN	Vanadium
Magnesium	<b>5.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>1140.89</b>	Arsenic	Total Hardness <b>98.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>126.80</b>	Beryllium	Phosphate
Chloride	<b>6.03</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.30</b>	Chromium	Amm. Nitrogen
Iron	<b>1.00</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>936.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 28-050-04 W5M**

Well Number **05417**

Well Owner: **Nobles, J.**

Elevation (AMSL) (m): **723**

AEP: **410875**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **32,133.55**

Date Started: **01 Jan 73**

Northing: **5,907,842.00**

Date Completed: **22 Oct 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **19.5** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **9.4** Bottom (m): **9.4**  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **9.4** to **11.0** Size: **0.10**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **630.0**  
 Level End (m): Drawdown (m): **5.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	721.4	Clay
10.7	712.0	Gravel
11.3	711.4	Shale Gray
16.8	705.9	Coal
17.1	705.6	Soapstone
18.3	704.4	Shale Dark Gray
18.6	704.1	Soapstone
19.5	703.1	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 28-050-04 W5M**

Well Number **05418**

Well Owner: **Thirsh, W.M.**

Elevation (AMSL) (m): **723**

AEP: **410879**

Licence No.:

Easting: **32,133.55**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **06 Jun 75**

Northing: **5,907,842.00**

Date Completed: **10 Jun 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **14.9** Bottom (m): **14.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **14.9**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **55.2**  
 Perforated How: **Torch**  
 from (m): **14.9** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.4	719.3	Clay Yellow
3.7	719.0	Coal
6.7	715.9	Gravel
8.8	713.8	Clay Hard Yellow
10.7	712.0	Gravel
11.3	711.4	Clay & Rocks Blue
14.6	708.0	Gravel
15.9	706.8	Shale Greenish Gray
16.1	706.5	Sandstone
19.2	703.5	Shale & Coal Brownish Gray
19.8	702.8	Shale Brittle Green
20.1	702.5	Shale Gray
20.4	702.2	Shale Light Gray
20.7	701.9	Sandstone Brittle
21.3	701.3	Shale & Coal Gray
23.2	699.5	Shale Green
23.5	699.2	Shale Sandy Gray
25.6	697.1	Shale Gray
26.5	696.1	Sandstone
36.6	686.1	Shale Brittle Greenish Gray
37.5	685.2	Sandstone
50.0	672.7	Shale Brittle Dark Gray
56.1	666.6	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 30-050-04 W5M**

Well Number **05419**

Well Owner: **Loewen, G.**

Elevation (AMSL) (m): **763**

AEP: **410912**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **29,119.50**

Date Started: **05 Jul 80**

Northing: **5,908,298.00**

Date Completed: **08 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **168.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.9**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm):  
 Top (m): Bottom (m): **91.4**  
 Perforated How: **Torch**  
 from (m): **57.9** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
18.3	744.7	Clay Sandy Brown
36.6	726.4	Clay & Sand Blue
48.8	714.2	Clay Blue
59.7	703.3	Shale & Sandstone
60.4	702.7	Coal
67.1	696.0	Sandstone & Shale Strg'S
67.4	695.6	Coal
73.8	689.2	Sandstone
74.4	688.6	Coal
83.8	679.2	Sandstone & Shale Ledges
84.4	678.6	Coal
91.4	671.6	Sandstone & Shale Ledges

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-050-04 W5M**

Well Number **05420**

Well Owner: **Genesee Development**

Elevation (AMSL) (m): **764**

AEP: **410921**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **27,966.40**

Date Started: **06 Oct 80**

Northing: **5,907,890.50**

Date Completed: **10 Oct 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): **38.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **143.0** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **109.7**  
 Perforated How: **Torch**  
 from (m): **76.2** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
36.0	727.6	Clay
45.7	717.8	Sand
51.2	712.3	Shale
53.3	710.2	Sandstone
54.0	709.6	Coal
56.4	707.1	Shale
56.7	706.8	Coal
60.4	703.2	Shale
60.7	702.9	Coal
70.1	693.4	Shale
78.6	684.9	Sandstone
79.2	684.3	Coal
86.0	677.6	Shale
88.4	675.1	Sandstone
94.5	669.0	Shale
109.7	653.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-050-04 W5M**

Well Number **05421**

Well Owner: **Youth Orientation Unit**

Elevation (AMSL) (m): **764**

AEP: **410916**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **27,966.40**

Date Started: **27 Nov 80**

Northing: **5,907,890.50**

Date Completed: **28 Nov 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **34.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **143.0** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **109.7**  
 Perforated How: **Torch**  
 from (m): **97.5** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **94.5**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **103.6** Drawdown (m): **68.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	755.9	Clay Brown
8.5	755.0	Gravel
32.0	731.5	Clay Blue
36.6	727.0	Sand
48.8	714.8	Clay Blue
53.3	710.2	Sand
57.9	705.6	Sandstone
64.0	699.5	Shale
67.7	695.9	Sandstone
68.6	694.9	Coal Dry
73.2	690.4	Sandstone
79.8	683.7	Shale
80.5	683.1	Coal
94.5	669.0	Shale
95.1	668.4	Coal
105.2	658.4	Shale
108.2	655.3	Sandstone
109.7	653.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

06-32-050-04 W5M

Well Number 05422

Well Owner: **Gulf**

Elevation (AMSL) (m): **761**

AEP: **410924**

Drilling Contractor: *Tcar Holdings Ltd.*

Licence No.:

Easting: **29,620.89**

Date Started: **15 Jan 85**

Northing: **5,909,706.00**

Date Completed: **15 Jan 85**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **15.5** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **15.5** Bottom (m): **15.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Puddled Clay**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **4** Intake (m): **6.1**

**Testing:**

Rate (lpm): **456.1** Time (minute): **60.0**  
 Level End (m): **6.1** Drawdown (m): **2.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	760.1	Clay
1.5	759.1	Muskeg
10.4	750.3	Clay & Rocks
11.0	749.7	Sand
15.5	745.1	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**06-32-050-04 W5M**

Well Number **05423**

Well Owner: **Gulf**  
 Drilling Contractor: *Tcar Holdings Ltd.*

Elevation (AMSL) (m): **761**                      AEP: **410928**  
 Licence No.:    Easting: **29,620.89**  
 Date Started: **15 Jan 85**                      Northing: **5,909,706.00**  
 Date Completed: **15 Jan 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **16.5** (m)  
 NPWL (m): **3.7**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **16.5**                      Bottom (m): **16.5**  
 OD (mm): **139.7**                      Thickness (mm): **0.1**  
 Seal Type: **Driven & Cuttings**  
 from (m):                      to  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump: Sub**  
 Model: **4**                      Intake (m): **6.1**  
**Testing:**  
 Rate (lpm): **456.1**                      Time (minute): **60.0**  
 Level End (m): **6.1**                      Drawdown (m): **2.4**  
 Rec'd intake (m): **6.1**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	749.1	Clay & Rocks
16.5	744.2	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 32-050-04 W5M**

Well Number **05424**

Well Owner: **Greanya, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410929**  
 Easting: **30,676.91**  
 Northing: **5,910,344.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **19 May 64**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1142</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>30.00</b>
Aluminum	Barium	Manganese
Sulphate <b>36.02</b>	Beryllium	Phosphate
Chloride <b>4.96</b>	Cadium	Ion Balance
Fluoride <b>0.87</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>975.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**16-33-050-04 W5M**

Well Number **05425**

Well Owner: **Alta Env #1505e**

Elevation (AMSL) (m): **750**

AEP: **410947**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,240.50**

Date Started: **21 Sep 75**

Northing: **5,910,636.00**

Date Completed: **21 Sep 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	743.4	Clay Sandy Brownish Gray
22.6	727.0	Clay Sandy Black
23.5	726.1	Siltstone Black
36.6	713.0	Siltstone Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

16-33-050-04 W5M

Well Number 05426

Well Owner: **Keylor, L.**

Elevation (AMSL) (m): **750**

AEP: **410936**

Drilling Contractor: *Darragh Lee*

Licence No.:

Easting: **32,240.50**

Date Started: **14 Oct 77**

Northing: **5,910,636.00**

Date Completed: **18 Oct 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	740.4	Clay & Rocks
15.2	734.3	Clay Blue
16.8	732.8	Coal
24.4	725.2	Clay & Coal Blue
30.5	719.1	Shale Blue
42.7	706.9	Shale Water Bearing Blue
48.8	700.8	Shale Blue
51.8	697.7	Coal
61.0	688.6	Shale Blue
70.1	679.4	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 33-050-04 W5M**

Well Number **05427**

Well Owner: **Bailey, J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **765**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410941**  
 Easting: **32,321.23**  
 Northing: **5,909,576.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **25 Apr 67**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>788.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite <b>0.15</b>	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>435.00</b>
Aluminum	Barium	Manganese
Sulphate <b>187.80</b>	Beryllium	Phosphate
Chloride <b>8.15</b>	Cadium	Ion Balance
Fluoride <b>0.35</b>	Chromium	Amm. Nitrogen
Iron <b>0.48</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>520.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-050-04 W5M**

Well Number **05428**

Well Owner: **Y.O.U.**

Elevation (AMSL) (m): **683**

AEP: **410953**

Drilling Contractor: *Holland Drilling Ltd.*

Licence No.:

Easting: **35,283.56**

Date Started: **06 Dec 83**

Northing: **5,909,602.50**

Date Completed: **07 Dec 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **138.7** (m)  
 NPWL (m): **26.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **143.0** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **138.7**  
 Perforated How: **Saw**  
 from (m): **91.4** to **97.5** Size:  
 from (m): **106.7** to **138.7** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **22 Stage** Intake (m): **94.5**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **128.0** Drawdown (m): **101.8**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
5.5	677.1	Clay Brown
16.8	665.8	Clay Blue
18.0	664.6	Coal
23.2	659.4	Shale
23.8	658.8	Coal
32.0	650.6	Shale
44.2	638.4	Sandstone
56.4	626.2	Silt
58.5	624.1	Shale
61.0	621.6	Sandstone
68.6	614.0	Shale
75.3	607.3	Coal
81.7	600.9	Shale
82.3	600.3	Coal
94.5	588.1	Shale
95.4	587.2	Coal
117.3	565.3	Shale
136.5	546.1	Sandstone
138.7	543.9	Shale

Laboratory: **05 Dec 84**

pH (pH unit)	<b>8.90</b>	COD	Mercury
Cond. (µS/cm)	<b>1750</b>	SAR	Nickel
TDS	<b>1047</b>	TKN	Selenium
Sodium	<b>445.05</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>60.00</b>	DIC	Hydroxide
Bicarbonate	<b>927.96</b>	Arsenic	Total Hardness <b>9.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>5.76</b>	Beryllium	Phosphate
Chloride	<b>74.09</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>1.15</b>	Chromium	Amm. Nitrogen
Iron	<b>0.26</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>862.0</b>
Silica	<b>8.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-050-04 W5M**

Well Number **05429**

Well Owner: **Mcdougall, M.K.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **678**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410970**  
 Easting: **36,895.82**  
 Northing: **5,910,219.41**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **3.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **03 Jul 80**

pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>2850</b>	SAR	Nickel
TDS	<b>1655</b>	TKN	Selenium
Sodium	<b>569.02</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>12.02</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate	<b>314.10</b>	DIC	Hydroxide
Bicarbonate	<b>469.17</b>	Arsenic	Total Hardness <b>39.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>521.13</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.88</b>
Fluoride	<b>0.65</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>908.0</b>
Silica	<b>10.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 36-050-04 W5M**

Well Number **05430**

Well Owner: **Alta Public Works**

Elevation (AMSL) (m): **680**

AEP: **410961**

Drilling Contractor: *Big Quill Drilling Ltd.*

Licence No.:

Easting: **36,083.77**

Date Started: **23 May 85**

Northing: **5,909,589.00**

Date Completed: **24 May 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.6** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.3**  
**Liner:**  
 Type:  
 OD (mm): **120.7** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **51.8**  
 Perforated How: **Machine**  
 from (m): **39.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **4** Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **21.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
38.4	641.2	Till Sandy Gray
39.6	640.0	Shale Brownish Yellow
41.2	638.5	Sandstone Gray
43.9	635.7	Siltstone Gray
51.2	628.4	Siltstone Gray
51.5	628.1	Shale Hard Gray
54.6	625.1	Siltstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-050-05 W5M**

Well Number **05465**

Well Owner: **Scheidmann, J.**

Elevation (AMSL) (m): **729**

AEP: **411075**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **25,144.70**

Date Started: **01 Jan 64**

Northing: **5,905,692.50**

Date Completed: **20 Nov 64**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **34.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **108.0** Thickness (mm):  
 Top (m): Bottom (m): **36.6**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **9.1** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	<u>Lithologic Description</u>
7.3	721.5	Sand
9.8	719.0	Gravel
21.3	707.4	Shale
35.7	693.1	Sandstone
36.6	692.2	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 14-050-05 W5M**

Well Number **05466**

Well Owner: **Downey, F.**

Elevation (AMSL) (m): **690**

AEP: **411070**

Drilling Contractor: *Hostyn Drilling Co. Ltd.*

Licence No.:

Easting: **24,754.24**

Date Started:

Northing: **5,904,477.00**

Date Completed:

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **12.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m):  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **15.2** Drawdown (m): **12.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	683.2	Sand
10.7	679.3	Gravel
11.3	678.7	Shale Brown
12.2	677.7	Shale Black
22.9	667.1	Sand & Coal White
24.4	665.6	Shale Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

12-19-050-05 W5M

Well Number 05470

Well Owner: **Knopp, R.**

Elevation (AMSL) (m): **760**

AEP: **411091**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **17,784.42**

Date Started: **01 Jan 73**

Northing: **5,906,340.00**

Date Completed: **01 Apr 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **83.8** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sta-Rite Sub**  
 Model: **8 Stage** Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **360.0**  
 Level End (m): Drawdown (m): **21.3**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	751.6	Clay
17.7	742.5	Clay Sandy
20.7	739.4	Shale
27.4	732.7	Sandstone
50.3	709.9	Shale
62.5	697.7	Sandstone
77.7	682.5	Shale
81.7	678.5	Sandstone
83.8	676.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-050-05 W5M**

Well Number **05471**

Well Owner: **Knopp, R.**

Elevation (AMSL) (m): **769**

AEP: **411089**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **17,869.72**

Date Started: **01 Jan 63**

Northing: **5,907,088.00**

Date Completed: **01 Jan 63**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **74.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **143.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **56.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	751.3	Clay & Boulders
29.9	739.1	Sandstone
53.3	715.7	Shale
61.6	707.4	Sandstone
73.8	695.2	Shale
76.2	692.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 19-050-05 W5M**

Well Number **05472**

Well Owner: **Stachnik, E**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **769**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411088**  
 Easting: **17,869.72**  
 Northing: **5,907,088.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>22 Oct 73</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1500</b>	SAR	Nickel
TDS	<b>909.0</b>	TKN	Selenium
Sodium	<b>374.90</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>6.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>937.11</b>	Arsenic	Total Hardness <b>17.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>59.08</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>1.10</b>	Chromium	Amm. Nitrogen
Iron	<b>0.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>768.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

09-20-050-05 W5M

Well Number 05473

Well Owner: **Moelhoff, R.**

Elevation (AMSL) (m): **765**

AEP: **411140**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **20,804.33**

Date Started: **28 Feb 77**

Northing: **5,906,892.00**

Date Completed: **02 Mar 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **18.3** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **9.8** Drawdown (m): **1.5**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	761.3	Clay Brown
5.2	759.8	Clay Blue
8.2	756.8	Clay Yellow
10.4	754.6	Shale Green
11.0	754.0	Sandstone Coarse Grained Blue
13.1	751.9	Shale Green
15.2	749.8	Sandstone Coarse Grained Blue
18.3	746.7	Shale & Sandstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 20-050-05 W5M**

Well Number **05474**

Well Owner: **Yekimchuk, A.**

Elevation (AMSL) (m): **765**

AEP: **411093**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **20,595.50**

Date Started: **01 Mar 62**

Northing: **5,906,384.00**

Date Completed: **28 Mar 62**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **28.7** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **4.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	761.7	Clay
13.7	751.0	Sandstone
28.7	736.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-050-05 W5M**

Well Number **05475**

Well Owner: **Hunter, G.**

Elevation (AMSL) (m): **763**

AEP: **411095**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **21,902.47**

Date Started: **19 Dec 88**

Northing: **5,907,393.50**

Date Completed: **19 Dec 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **63.4** (m)  
 NPWL (m): **32.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **63.4**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): **57.3** to **63.4** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **13.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	761.5	Clay
16.1	746.6	Shale Brown
16.8	746.0	Sand Gray
20.4	742.3	Shale Gray
25.0	737.7	Clay
25.3	737.4	Sandstone Brown
26.2	736.5	Clay
27.4	735.3	Sandstone Green
37.8	724.9	Shale Gray
40.2	722.5	Sand & Shale Gray
45.4	717.3	Shale Green
54.0	708.8	Shale Gray
56.1	706.6	Shale Green
59.7	703.0	Sand & Sandstone Gray
63.4	699.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-050-05 W5M**

Well Number **05476**

Well Owner: **Schiedeman, J.**

Elevation (AMSL) (m): **739**

AEP: **411096**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **25,629.09**

Date Started: **27 Mar 89**

Northing: **5,906,420.50**

Date Completed: **01 May 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **39.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **39.6** Bottom (m): **72.2**  
 Perforated How: **Machine**  
 from (m): **39.6** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **53.3** Drawdown (m): **29.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	735.4			Clay Yellow
10.4	729.0			Shale Gray
21.9	717.5			Shale Sandy Gray
23.2	716.2			Shale Brown
26.8	712.6			Shale Gray
29.0	710.5			Shale Sandy Gray
41.5	698.0			Shale Gray
56.1	683.3			Shale Sandy Gray
62.5	676.9			Coal
67.1	672.4			Sandstone
73.2	666.3			Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 24-050-05 W5M**

Well Number **05477**

Well Owner: **Piskunowicz**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **717**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411164**  
 Easting: **27,142.60**  
 Northing: **5,907,247.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **08 Mar 73**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>2280</b>	SAR	Nickel
TDS <b>1770</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>30.06</b>	TN	Vanadium
Magnesium <b>3.40</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>88.00</b>
Aluminum	Barium	Manganese
Sulphate <b>524.97</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>785.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-050-05 W5M**

Well Number **05478**

Well Owner: **Piskunowicz, L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **717**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411168**  
 Easting: **27,142.60**  
 Northing: **5,907,247.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **30 Oct 85**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>2270</b>	SAR	Nickel
TDS <b>1481</b>	TKN	Selenium
Sodium <b>566.03</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>10.02</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>1013.99</b>	Arsenic	Total Hardness <b>25.00</b>
Aluminum	Barium	Manganese
Sulphate <b>400.09</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride <b>0.72</b>	Chromium	Amm. Nitrogen
Iron <b>0.15</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>832.0</b>
Silica <b>10.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-050-05 W5M**

Well Number **05479**

Well Owner: **Franklin, S.**

Elevation (AMSL) (m): **691**

AEP: **411156**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **27,115.69**

Date Started: **26 Jun 76**

Northing: **5,906,266.50**

Date Completed: **29 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **51.2**  
 Perforated How: **Torch**  
 from (m): **29.0** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **43.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	680.3	Clay Sandy
12.2	678.8	Clay Blue
12.8	678.2	Coal
16.5	674.5	Gravel
18.3	672.7	Sandstone
25.9	665.1	Sand
29.0	662.1	Shale Green
30.5	660.5	Shale Brown
47.2	643.8	Coal
51.2	639.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 24-050-05 W5M**

Well Number **05480**

Well Owner: **Homme, C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **692**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411160**  
 Easting: **26,376.49**  
 Northing: **5,906,104.47**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **1.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Mar 66**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1372</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>300.00</b>
Aluminum	Barium	Manganese
Sulphate <b>344.86</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>700.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

05-25-050-05 W5M

Well Number 05481

Well Owner: **Zaniewicz, W.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **768**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411298**  
 Easting: **25,964.47**  
 Northing: **5,908,205.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit) <b>7.95</b>	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>456.0</b>	TKN	Selenium
Sodium <b>49.91</b>	Nitrate	Strontium
Potassium <b>3.91</b>	Nitrite <b>0.09</b>	Molybdenum
Calcium <b>42.08</b>	TN	Vanadium
Magnesium <b>46.82</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>331.89</b>	Arsenic	Total Hardness <b>298.00</b>
Aluminum	Barium	Manganese
Sulphate <b>60.04</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>332.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-050-05 W5M**

Well Number **05482**

Well Owner: **Zaneiwicz, S.**

Elevation (AMSL) (m): **769**

AEP: **411296**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **25,948.74**

Date Started: **01 Jan 73**

Northing: **5,908,193.50**

Date Completed: **01 Sep 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Southern Dinnin**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **73.0** Time (minute):  
 Level End (m): Drawdown (m): **36.6**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	756.4	Clay
18.3	750.3	Clay Sandy
24.4	744.2	Sand
30.5	738.1	Clay
42.7	725.9	Shale Gray
51.8	716.8	Shale
54.9	713.8	Sand & Sandstone Water Bearing
57.9	710.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-050-05 W5M**

Well Number **05483**

Well Owner: **Zaniewicz, S.**

Elevation (AMSL) (m): **769**

AEP: **411172**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **25,948.74**

Date Started: **01 Jan 74**

Northing: **5,908,193.50**

Date Completed: **08 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **34.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): **34.8** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Starite**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **73.0** Time (minute):  
 Level End (m): Drawdown (m): **41.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	754.9	Clay
15.2	753.4	Shale & Coal Dark Gray
18.3	750.3	Shale Brown
24.4	744.2	Sand & Shale Brown
27.4	741.2	Shale Brown
33.5	735.1	Shale Gray
36.6	732.0	Sand & Shale Gray
45.7	722.9	Shale Gray
48.8	719.8	Shale & Sandstone Gray
51.8	716.8	Shale Gray
54.9	713.8	Sand & Sandstone Gray
57.9	710.7	Shale & Sandstone Gray
59.4	709.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-26-050-05 W5M

Well Number 05484

Well Owner: **Floden, W.**

Elevation (AMSL) (m): **761**

AEP: **411303**

Drilling Contractor: *Hostyn Drilling Co. Ltd.*

Licence No.:

Easting: **24,423.08**

Date Started: **14 May 87**

Northing: **5,907,746.50**

Date Completed: **15 May 87**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **32.0** (m)  
NPWL (m): **17.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **32.0** Bottom (m): **32.0**  
OD (mm): **114.3** Thickness (mm): **0.1**  
Seal Type: **Unknown**  
from (m): to **25.9**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **36.5** Time (minute): **480.0**  
Level End (m): **22.9** Drawdown (m): **5.2**  
Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
18.3	742.7	Clay & Sand Black
21.3	739.7	Clay Brown
22.9	738.2	Shale Black
32.0	729.0	Sand & Sandstone White

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-050-05 W5M**

Well Number **05485**

Well Owner: **Goerz, Wilfred**

Elevation (AMSL) (m): **763**

AEP: **350337**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **25,609.95**

Date Started: **22 Mar 90**

Northing: **5,908,966.50**

Date Completed: **22 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **21.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.7** Bottom (m): **30.5**  
 Perforated How: **Other**  
 from (m): **22.9** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	759.9	Clay Sandy Yellow
10.4	752.5	Sandstone Yellow
17.1	745.8	Shale Fractured Gray
22.6	740.4	Shale Green
25.9	737.0	Sandstone
30.5	732.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-050-05 W5M**

Well Number **05486**

Well Owner: **Rabe, H.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411301**  
 Easting: **25,388.18**  
 Northing: **5,907,826.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **23.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>17 Nov 81</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1033</b>	SAR	Nickel
TDS	<b>592.0</b>	TKN	Selenium
Sodium	<b>69.92</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>74.95</b>	TN	Vanadium
Magnesium	<b>40.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>524.69</b>	Arsenic	Total Hardness <b>353.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>143.13</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.88</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron	<b>0.94</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>431.0</b>
Silica	<b>10.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 26-050-05 W5M**

Well Number **05487**

Well Owner: **Rabe, H.**

Elevation (AMSL) (m): **745**

AEP: **411299**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **25,388.18**

Date Started:

Northing: **5,907,826.00**

Date Completed: **06 Nov 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **33.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **51.2**  
 Perforated How: **Torch**  
 from (m): **38.4** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Beatty**

Model: **Ba8** Intake (m): **45.7**

**Testing:**

Rate (lpm): **73.0** Time (minute): **240.0**  
 Level End (m): **21.3** Drawdown (m): **3.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	735.7			Clay
9.8	735.1			Coal
12.2	732.6			Clay
22.9	722.0			Shale Gray
23.2	721.7			Sandstone
27.4	717.4			Shale Gray
28.7	716.2			Shale Brown
30.5	714.4			Shale Gray
32.0	712.8			Sand & Sandstone Gray
44.2	700.6			Shale Gray
45.7	699.1			Sand & Sandstone Brownish Gra
50.9	693.9			Sand Unreadable Gray
51.8	693.0			Shale Gray

Laboratory:

**04 Jan 82**

pH (pH unit)	<b>8.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1528</b>	SAR	Nickel
TDS	<b>849.0</b>	TKN	Selenium
Sodium	<b>335.11</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate	<b>20.10</b>	DIC	Hydroxide
Bicarbonate	<b>807.16</b>	Arsenic	Total Hardness <b>21.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>85.01</b>	Beryllium	Phosphate
Chloride	<b>3.90</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>2.48</b>	Chromium	Amm. Nitrogen
Iron	<b>0.05</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>696.0</b>
Silica	<b>8.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 27-050-05 W5M**

Well Number **05488**

Well Owner: **Pludek, A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411304**  
 Easting: **22,938.73**  
 Northing: **5,907,990.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **09 Jul 84**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1680</b>	SAR	Nickel
TDS <b>1072</b>	TKN <b>0.02</b>	Selenium
Sodium <b>410.09</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium <b>10.02</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>779.10</b>	Arsenic	Total Hardness <b>33.00</b>
Aluminum	Barium	Manganese
Sulphate <b>263.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.01</b>
Fluoride <b>0.08</b>	Chromium	Amm. Nitrogen
Iron <b>0.50</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>639.0</b>
Silica <b>9.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-050-05 W5M**

Well Number **05489**

Well Owner: **Jouan, E.**

Elevation (AMSL) (m): **755**

AEP: **411307**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,078.23**

Date Started:

Northing: **5,908,846.50**

Date Completed: **09 Jul 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **21.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **15.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): **15.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	753.4			Shale & Sandstone
4.6	750.3			Clay
9.1	745.8			Sand Brown
21.3	733.6			Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-050-05 W5M**

Well Number **05490**

Well Owner: **Jouan, Emil**  
 Drilling Contractor: **Scott H**

Elevation (AMSL) (m): **755**      AEP: **449119**  
 Licence No.:                              Easting: **22,078.23**  
 Date Started:                              Northing: **5,908,846.50**  
 Date Completed: **14 Feb 61**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **19.8** (m)  
 NPWL (m): **12.8**      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type: **Loose**  
 from (m):                              to

**Liner:**  
 Type:  
 OD (mm): **141.2**                      Thickness (mm):  
 Top (m):                              Bottom (m): **19.8**  
 Perforated How: **Torch**  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Open Hole:**  
 from (m):                              to

**Pump:**  
 Model:                              Intake (m):

**Testing:**  
 Rate (lpm): **63.9**                      Time (minute): **300.0**  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	749.7	Clay
10.7	744.2	Sandstone
16.5	738.4	Shale
19.8	735.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-050-05 W5M**

Well Number **05491**

Well Owner: **Collins, P.**

Elevation (AMSL) (m): **765**

AEP: **411305**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **21,052.78**

Date Started: **28 Mar 78**

Northing: **5,908,154.00**

Date Completed: **31 Mar 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **33.5** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Torch**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **21.9** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.2	759.4	Clay
28.7	735.9	Sandstone
29.9	734.7	Sandstone Water Bearing
33.5	731.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 29-050-05 W5M**

Well Number **05492**

Well Owner: **Lemke, O.**

Elevation (AMSL) (m): **769**

AEP: **411309**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **19,419.79**

Date Started: **09 Jun 88**

Northing: **5,907,974.50**

Date Completed: **09 Jun 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **48.8** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **8.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **91.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	765.7	Clay
6.7	762.0	Shale Brown
12.2	756.5	Sand Brown
14.0	754.7	Sandstone Gray
18.0	750.7	Sand & Shale Brown
25.3	743.4	Sand & Sandstone Brown
31.7	737.0	Sand Coarse Grained Gray
36.0	732.8	Shale Gray
41.2	727.6	Sandstone Light Gray
43.9	724.8	Bentonite Gray
46.0	722.7	Sand Coarse Grained Gray
48.8	720.0	Sand & Sandstone Coarse Graine

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

09-30-050-05 W5M

Well Number 05493

Well Owner: Arc Th#54-74, 440

Elevation (AMSL) (m): 770

AEP: 368706

Licence No.:

Easting: 19,233.21

Drilling Contractor: Unknown Driller

Date Started:

Northing: 5,908,301.68

Date Completed: 11 Aug 74

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **149.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
1.5	768.5	Clay Calcareous Brown
3.1	766.9	Clay Calcareous Brownish Yello
4.6	765.4	Sandstone Carbonaceous Brownis
6.1	763.9	Shale Carbonaceous Brownish Ye
7.6	762.4	Shale Silty Dark Gray
9.1	760.8	Siltstone Sandy Gray
10.7	759.3	Shale Silty Gray
16.8	753.2	Sandstone Carbonaceous Brownis
18.3	751.7	Shale Carbonaceous Brownish Ye
22.9	747.1	Shale & Sandstone Carbonaceous
24.4	745.6	Shale Carbonaceous Gray
25.9	744.1	Shale Silty Gray
27.4	742.6	Siltstone Dark Gray
29.0	741.0	Siltstone Calcareous Dark Gray
30.5	739.5	Shale Silty Dark Gray
32.0	738.0	Shale & Siltstone Silty Dark G
33.5	736.5	Shale Soft Light Gray
36.6	733.4	Shale Carbonaceous Greenish Gr
50.3	719.7	Shale Silty Dark Gray
56.4	713.6	Siltstone Calcareous Dark Gray
57.9	712.1	Siltstone Light Gray
59.4	710.6	Siltstone Dark Gray
61.0	709.0	Shale Silty Dark Gray
65.5	704.5	Shale & Siltstone Dark Gray
68.6	701.4	Shale & Siltstone Soft Gray
70.1	699.9	Siltstone Gray
73.2	696.8	Siltstone Sandy Light Gray
79.2	690.7	Siltstone Sandy Light Gray
80.8	689.2	Siltstone Soft Brownish Gray
85.3	684.6	Shale & Sandstone Silty Light
86.9	683.1	Shale & Siltstone Argillaceous
88.4	681.6	Shale & Siltstone Silty Gray
91.4	678.5	Siltstone Sandy Light Gray
93.0	677.0	Shale & Siltstone Sandy Gray
97.5	672.5	Siltstone Sandy Light Gray
105.2	661.8	Shale & Siltstone Silty Gray
108.2	661.8	Shale Silty Dark Gray
109.7	660.3	Shale & Siltstone Gray
117.3	652.6	Shale Silty Greenish Gray
118.9	651.1	Coal
120.4	649.6	Sandstone & Coal Black
123.4	646.5	Coal Black
125.0	646.5	Shale & Coal Gray
129.5	640.5	Siltstone Argillaceous Gray
131.1	638.9	Shale & Siltstone Silty Gray
134.1	635.9	Siltstone Calcareous Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 30-050-05 W5M**

Well Number **05494**

Well Owner: **Smith, D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **773**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411313**  
 Easting: **17,934.10**  
 Northing: **5,908,903.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **13 May 80**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>2000</b>	SAR <b>16.40</b>	Nickel
TDS <b>1737</b>	TKN <b>0.04</b>	Selenium
Sodium <b>445.97</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium <b>44.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>809.60</b>	Arsenic	Total Hardness <b>140.00</b>
Aluminum	Barium	Manganese
Sulphate <b>426.99</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride <b>0.20</b>	Chromium	Amm. Nitrogen
Iron <b>0.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>664.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 30-050-05 W5M**

Well Number **05495**

Well Owner: **Worden, J.**

Elevation (AMSL) (m): **765**

AEP: **411311**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **18,231.43**

Date Started: **24 Apr 78**

Northing: **5,907,701.00**

Date Completed: **27 Apr 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **33.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **16.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **33.5**  
 Perforated How: **Torch**  
 from (m): **27.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **6.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	757.1			Clay
12.5	752.2			Shale
15.9	748.9			Shale Hard
31.7	733.0			Shale
33.5	731.2			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 30-050-05 W5M**

Well Number **05496**

Well Owner: **Worden, Jack**

Elevation (AMSL) (m): **765**

AEP: **400383**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **18,231.43**

Date Started: **21 Dec 94**

Northing: **5,907,701.00**

Date Completed: **21 Dec 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **21.3**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **39.6**  
 Perforated How: **Machine**  
 from (m): **24.4** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.9**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **25.9** Drawdown (m): **6.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	761.1			Clay Brown
11.3	753.5			Clay Soft Gray
17.1	747.7			Shale Green
23.8	741.0			Shale Gray
26.2	738.5			Sandstone Fine Grained Gray
29.9	734.9			Shale Gray
34.8	730.0			Sand & Sandstone Gray
36.9	727.9			Shale Gray
37.5	727.3			Shale Sandy Gray
39.6	725.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-050-05 W5M**

Well Number **05497**

Well Owner: **Lemke, A.**

Elevation (AMSL) (m): **767**

AEP: **411315**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **19,240.21**

Date Started: **01 Nov 80**

Northing: **5,909,616.00**

Date Completed: **01 Nov 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **41.1** Time (minute): **1200.0**  
 Level End (m): **21.3** Drawdown (m): **1.5**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **41.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	760.3			Clay
20.7	746.0			Shale
24.4	742.4			Sandstone
27.7	739.0			Shale
30.5	736.3			Sandstone

**Laboratory:**

**20 Nov 84**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>596.0</b>	SAR	Nickel
TDS	<b>322.0</b>	TKN	<b>0.07</b>
Sodium	<b>9.89</b>	Nitrate	Strontium
Potassium	<b>3.13</b>	Nitrite	Molybdenum
Calcium	<b>71.94</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>389.85</b>	Arsenic	Total Hardness <b>303.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>8.17</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>0.13</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>320.0</b>
Silica	<b>10.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 32-050-05 W5M**

Well Number **05498**

Well Owner: **Hutchinson, T**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **747**      AEP: **411317**  
 Licence No.:      Easting: **20,233.73**  
 Date Started: **01 Jan 60**      Northing: **5,910,681.00**  
 Date Completed: **25 Oct 60**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **10.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **24.4**      Bottom (m): **24.4**  
 OD (mm): **127.0**      Thickness (mm):  
 Seal Type: **Loose**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **127.0**      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Rod**  
 Model: **2.5**      Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **60.0**  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m): **21.3**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	744.6	Clay
10.7	736.4	Sandstone
24.4	722.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

07-33-050-05 W5M

Well Number 05499

Well Owner: **Paragon Pet Corp #Rig**

Elevation (AMSL) (m): **739**

AEP: **443130**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,007.07**

Date Started: **03 Mar 96**

Northing: **5,909,714.00**

Date Completed: **03 Mar 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **32.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **5.5** Bottom (m): **5.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **5.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Machine**  
 from (m): **6.1** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **24.4**

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **20.1**  
 Rec'd intake (m): **25.6** Rec'd Rate (lpm): **205.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.1	737.3			Clay
6.7	732.7			Shale
14.6	724.8			Shale & Sandstone Ledges Sandy
20.7	718.7			Shale & Sandstone Ledges
26.8	712.6			Shale & Sandstone Ledges Sandy
32.9	706.5			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-34-050-05 W5M

Well Number 05500

Well Owner: **Paragon/C/O Barlon**

Elevation (AMSL) (m): **768**

AEP: **415965**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **23,959.62**

Date Started: **15 Jul 95**

Northing: **5,909,964.00**

Date Completed: **15 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **64.0** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **9.8** Bottom (m): **9.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **9.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **24.4** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gunfos 4t05** Intake (m): **39.6**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **13.7**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	766.7			Sand Loose Brown
3.7	764.2			Clay Sandy Brown
17.1	750.8			Sand & Sandstone Brown
25.6	742.3			Shale Gray
27.1	740.8			Shale & Sandstone Ledges
41.5	726.5			Shale Gray
50.0	717.9			Sand & Sandstone Gray
51.8	716.1			Shale Gray
56.1	711.8			Sand Fine Grained Gray
64.0	703.9			Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-050-05 W5M**

Well Number **05501**

Well Owner: **Pryor, E.**

Elevation (AMSL) (m): **769**

AEP: **411322**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **23,829.31**

Date Started:

Northing: **5,910,412.50**

Date Completed: **01 Aug 64**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.8** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **60.0**  
 Level End (m): **13.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.5	749.2	Clay
20.7	748.0	Sandstone
27.1	741.6	Shale
29.0	739.8	Sandstone
30.8	738.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-050-05 W5M**

Well Number **05502**

Well Owner: **Case, D.**

Elevation (AMSL) (m): **756**

AEP: **411320**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **22,822.97**

Date Started: **01 Jan 64**

Northing: **5,910,421.50**

Date Completed: **25 Oct 64**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	754.4	Clay
13.4	742.8	Sandstone
24.4	731.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-050-05 W5M**

Well Number **05503**

Well Owner: **Norton, F.**

Elevation (AMSL) (m): **756**

AEP: **411321**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,822.97**

Date Started:

Northing: **5,910,421.50**

Date Completed: **20 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **51.5** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Beatty**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **30.5** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	753.5	Sand & Clay Stringers
3.1	753.2	Sandstone
12.2	744.1	Sand Brown
15.2	741.0	Sand & Shale Brown
51.8	704.4	Shale Gray
57.9	698.3	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 34-050-05 W5M**

Well Number **05504**

Well Owner: **Goertz. C.**

Elevation (AMSL) (m): **734**

AEP: **411319**

Drilling Contractor: *Platz, A. Well Drilling*

Licence No.:

Easting: **22,771.19**

Date Started: **21 May 80**

Northing: **5,909,644.00**

Date Completed: **22 May 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **19.8** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **15.5**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **14.0** Drawdown (m): **4.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	731.3	Clay
6.1	728.2	Quicksand Clayey
9.1	725.2	Clay
15.2	719.1	Shale Gray
18.3	716.0	Shale & Sandstone Gravelly
19.8	714.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-050-05 W5M**

Well Number **05505**

Well Owner: **Zander, C.**

Elevation (AMSL) (m): **754**

AEP: **411324**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **25,411.08**

Date Started: **14 Aug 85**

Northing: **5,910,376.50**

Date Completed: **14 Aug 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **42.7** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	746.5	Clay
9.4	745.0	Shale Shattered Green
12.2	742.3	Shale Gray
13.4	741.0	Sandstone & Shale Strg'S
15.2	739.2	Shale Gray
20.1	734.3	Shale & Sandstone Gray
20.7	733.7	Coal
24.1	730.4	Shale Gray
25.0	729.5	Sandstone Gray
29.6	724.9	Shale Green
35.4	719.1	Sandstone & Shale Strg'S Gray
37.8	716.7	Shale Gray
39.6	714.8	Sand & Sandstone Gray
42.7	711.8	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-050-05 W5M**

Well Number **05506**

Well Owner: **Goerz, Kevin**

Elevation (AMSL) (m): **759**

AEP: **350338**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **24,608.88**

Date Started: **21 Mar 90**

Northing: **5,910,401.50**

Date Completed: **21 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **19.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **36.6**  
 Perforated How: **Other**  
 from (m): **21.3** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	756.9	Sand
5.8	753.6	Clay Sandy Yellow
13.7	745.7	Sandstone
22.3	737.1	Shale Green
23.8	735.6	Sandstone
29.3	730.1	Shale Gray
32.6	726.8	Sandstone
36.6	722.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 35-050-05 W5M**

Well Number **05507**

Well Owner: **Mcfadyen, D.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **411323**  
 Easting: **24,737.55**  
 Northing: **5,909,336.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **10 May 78**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1248</b>	SAR	Nickel
TDS <b>683.0</b>	TKN <b>1.67</b>	Selenium
Sodium <b>49.91</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>102.00</b>	TN	Vanadium
Magnesium <b>48.03</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>544.82</b>	Arsenic	Total Hardness <b>455.00</b>
Aluminum	Barium	Manganese
Sulphate <b>32.18</b>	Beryllium	Phosphate
Chloride <b>75.15</b>	Cadium	Ion Balance <b>0.84</b>
Fluoride <b>0.17</b>	Chromium	Amm. Nitrogen
Iron <b>2.56</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>447.0</b>
Silica <b>17.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

13-36-050-05 W5M

Well Number 05508

Well Owner: **Amoco Can Petro Comp Ltd #Sp3**

Elevation (AMSL) (m): **747**

AEP: **411326**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **26,158.55**

Date Started: **10 Jun 73**

Northing: **5,910,344.64**

Date Completed: **28 Jun 73**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **24.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **28 Jun 73**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 36-050-05 W5M**

Well Number **05509**

Well Owner: **Cormies Ranch**

Elevation (AMSL) (m): **747**

AEP: **411325**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **26,323.11**

Date Started: **01 Jan 67**

Northing: **5,910,383.00**

Date Completed: **02 Nov 67**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): **27.4** Bottom (m): **51.8**  
 Perforated How:  
 from (m): **45.7** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **182.4** Time (minute): **60.0**  
 Level End (m): **10.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
18.3	728.6		Sand
27.4	719.5		Shale
29.9	717.0		Sand
36.9	710.0		Shale
38.4	708.5		Sandstone
49.4	697.5		Shale
50.3	696.6		Coal
51.8	695.1		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-050-05 W5M**

Well Number **05510**

Well Owner: **Zaniewicz, Stan**

Elevation (AMSL) (m): **753**

AEP: **365828**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **27,180.31**

Date Started: **15 Aug 92**

Northing: **5,909,342.00**

Date Completed: **15 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **29.9** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.8** Bottom (m): **29.9**  
 Perforated How: **Machine**  
 from (m): **18.3** to **29.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **17.1**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	751.1	Clay Sandy Brown
7.6	745.4	Clay Gray
13.4	739.6	Shale Green
14.3	738.7	Shale & Coal
19.2	733.8	Shale Gray
26.2	726.8	Sand & Sandstone Gray
26.5	726.5	Shale & Coal
29.9	723.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 13-050-06 W5M**

Well Number **05569**

Well Owner: **Strocher, Lawrence**

Elevation (AMSL) (m): **755**

AEP: **412131**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,603.63**

Date Started:

Northing: **5,905,423.50**

Date Completed: **18 May 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **46.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **44.8** Bottom (m): **64.0**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Beatty Bp13** Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **48.8** Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	748.6			Clay
18.3	736.4			Shale & Sandstone Sandy Brown
36.6	718.2			Sand Blue
39.6	715.1			Sand Brownish Gray
45.7	709.0			Shale Gray
51.8	702.9			Shale & Sandstone Sandy Gray
57.9	696.8			Sand & Sandstone Gray
64.0	690.7			Shale & Sandstone Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



12-14-050-06 W5M

Well Number 05574

Well Owner: **Berryhill, L.E.**

Elevation (AMSL) (m): **706**

AEP: **412142**

Licence No.:

Easting: **14,967.32**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started:

Northing: **5,905,021.50**

Date Completed: **01 Oct 66**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **104.7** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	699.9	Clay
9.1	696.9	Clay Light Gray
12.2	693.8	Shale Brown
15.2	690.8	Gravel
21.3	684.7	Shale Gray
27.4	678.6	Shale Dark
48.8	657.2	Sand Light
51.8	654.2	Sand & Shale
57.9	648.1	Sand Gray
61.0	645.0	Sand & Shale Gray
64.0	642.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-050-06 W5M**

Well Number **05590**

Well Owner: **Losey, Timothy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **753**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412184**  
 Easting: **15,986.40**  
 Northing: **5,906,828.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **12 Apr 83**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>2380</b>	SAR	Nickel
TDS <b>1350</b>	TKN	Selenium
Sodium <b>509.91</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium <b>7.01</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate <b>9.00</b>	DIC	Hydroxide
Bicarbonate <b>835.84</b>	Arsenic	Total Hardness <b>18.00</b>
Aluminum	Barium	Manganese
Sulphate <b>410.18</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.50</b>	Chromium	Amm. Nitrogen
Iron <b>0.13</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>701.0</b>
Silica <b>8.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 23-050-06 W5M**

Well Number **05591**

Well Owner: **Wardlow, Robin**

Elevation (AMSL) (m): **740**

AEP: **350778**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,989.58**

Date Started: **24 Mar 90**

Northing: **5,906,024.00**

Date Completed: **25 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **118.9** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **118.9**  
 Perforated How: **Machine**  
 from (m): **82.3** to **118.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **97.5**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **85.3** Drawdown (m): **45.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	735.1	Clay Brown
21.0	719.3	Clay Gray
31.1	709.2	Clay Light Gray
34.8	705.6	Shale Green
37.2	703.1	Clay Gray
44.5	695.8	Sand Brown
53.0	687.3	Clay Gray
56.1	684.2	Gravel
62.8	677.5	Shale Brown
64.6	675.7	Shale Bentonitic Gray
74.4	665.9	Shale Green
78.0	662.3	Sand Fine Grained Gray
90.5	649.8	Shale Gray
95.7	644.6	Sand Fine Grained
103.0	637.3	Sand Fine Grained Gray
109.4	630.9	Shale Gray
113.4	626.9	Sand Gray
116.7	623.6	Sand Light Gray
118.9	621.4	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 23-050-06 W5M**

Well Number **05592**

Well Owner: **Wardlow, Robin**

Elevation (AMSL) (m): **721**

AEP: **350777**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,803.76**

Date Started: **22 Mar 90**

Northing: **5,906,081.97**

Date Completed: **22 Mar 90**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **149.3** (m)  
 NPWL (m): **70.1** Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **0.9** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.0	717.2	Clay Brown
34.1	687.0	Clay Soft Light Gray
38.1	683.1	Shale Green
39.3	681.9	Sandstone Fractured
41.8	679.4	Shale Gray
46.9	674.2	Clay
47.9	673.3	Sand
53.0	668.1	Clay
55.5	665.7	Sand
58.2	663.0	Gravel
67.1	654.1	Shale Soft Brown
70.4	650.8	Shale Gray
80.5	640.7	Shale Green
92.7	628.5	Sand Fine Grained Gray
109.7	611.5	Shale Gray
119.8	601.4	Sand Fine Grained Gray
133.2	588.0	Coal
140.2	581.0	Sand Gray
144.5	576.7	Sand Gray
149.3	571.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 24-050-06 W5M**

Well Number **05593**

Well Owner: **Strocher, E**

Elevation (AMSL) (m): **768**

AEP: **412198**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,649.26**

Date Started:

Northing: **5,907,055.00**

Date Completed: **29 Jun 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **39.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **15.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **36.9**  
 Perforated How: **Torch**  
 from (m): **25.6** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **21.3**

**Testing:**

Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	9.4	758.8		Clay
	15.2	753.0		Shale Blue
	18.3	749.9		Shale Gray
	21.3	746.9		Shale & Sandy Stringers Gray
	24.4	743.8		Shale Dark Gray
	27.4	740.8		Shale Gray
	29.6	738.7		Shale Gray
	30.5	737.7		Sand
	33.5	734.7		Shale Gray
	39.6	728.6		Sand & Shale Gray

Laboratory: **13 Dec 84**

pH (pH unit)	<b>8.72</b>	COD	Mercury
Cond. (µS/cm)		SAR	<b>40.50</b> Nickel
TDS	<b>612.0</b>	TKN	Selenium
Sodium	<b>255.07</b>	Nitrate	<b>0.01</b> Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium	<b>0.61</b>	TC	Zinc
Carbonate	<b>21.90</b>	DIC	Hydroxide
Bicarbonate	<b>557.63</b>	Arsenic	Total Hardness <b>8.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>34.10</b>	Beryllium	Phosphate
Chloride	<b>19.14</b>	Cadium	Ion Balance
Fluoride	<b>3.46</b>	Chromium	Amm. Nitrogen <b>0.01</b>
Iron	<b>0.12</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>494.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-050-06 W5M**

Well Number **05594**

Well Owner: **Strocher, E.**

Elevation (AMSL) (m): **768**

AEP: **412196**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,649.26**

Date Started:

Northing: **5,907,055.00**

Date Completed: **01 Dec 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **33.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **55.5**  
 Perforated How: **Torch**  
 from (m): **38.4** to **55.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **44.2**

**Testing:**

Rate (lpm): **50.2** Time (minute): **240.0**  
 Level End (m): **44.2** Drawdown (m): **3.1**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	760.6			Clay
9.1	759.1			Shale Brown
13.7	754.5			Shale Gray
36.6	731.6			Sand & Shale
39.6	728.6			Shale Gray
51.8	716.4			Sand Gray
54.9	713.4			Sand & Sandstone Gray
57.9	710.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-050-06 W5M**

Well Number **05595**

Well Owner: **Strocher, Ervin**

Elevation (AMSL) (m): **768**

AEP: **412194**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **17,649.26**

Date Started:

Northing: **5,907,055.00**

Date Completed: **01 Mar 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **88.4** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **67.7**  
 Perforated How:  
 from (m): **48.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Sta-Rite 18st** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **56.4** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	759.7			Clay
51.2	717.0			Shale
52.4	715.8			Sandstone
59.4	708.8			Shale
76.2	692.0			Sandstone
80.8	687.4			Shale
83.8	684.4			Sandstone
88.4	679.8			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-050-06 W5M**

Well Number **05596**

Well Owner: **Jabs, Bernie**

Elevation (AMSL) (m): **756**

AEP: **412186**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **16,797.30**

Date Started:

Northing: **5,906,830.00**

Date Completed: **04 May 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **41.5** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **11.0**

**Liner:**

Type:  
 OD (mm): **82.6** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **41.5**  
 Perforated How:  
 from (m): **32.0** to **41.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **510.0**  
 Level End (m): **22.9** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	749.9	Clay	Yellow	
11.3	744.8	Clay	Blue	
15.5	740.5	Clay	Yellow	
21.3	734.7	Shale	Brittle Gray	
26.5	729.5	Sandstone		
29.0	727.1	Shale	Greenish Gray	
32.6	723.4	Shale	Green	
33.8	722.2	Shale	Sandy Gray	
34.1	721.9	Sandstone		
35.0	721.0	Shale	Sandy Gray	
39.0	717.0	Shale	Dark Gray	
40.2	715.8	Shale	Green	
41.5	714.6	Shale	Brittle	

Laboratory:

**12 May 77**

pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>2500</b>	SAR	Nickel
TDS	<b>1670</b>	TKN	<b>0.01</b>
Sodium	<b>629.97</b>	Nitrate	<b>0.01</b>
Potassium	<b>1.56</b>	Nitrite	Strontium
Calcium	<b>14.03</b>	TN	Molybdenum
Magnesium	<b>1.95</b>	TC	Vanadium
Carbonate	<b>33.00</b>	DIC	Zinc
Bicarbonate	<b>782.15</b>	Arsenic	Hydroxide
Aluminum		Barium	Total Hardness <b>44.00</b>
Sulphate	<b>601.82</b>	Beryllium	Manganese
Chloride	<b>1.06</b>	Cadium	Phosphate
Fluoride	<b>0.46</b>	Chromium	Ion Balance <b>1.07</b>
Iron	<b>0.56</b>	Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	<b>8.30</b>	Lead	Total Alkalinity <b>697.0</b>
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 24-050-06 W5M**

Well Number **05597**

Well Owner: **Jabs, Randy**

Elevation (AMSL) (m): **756**

AEP: **412190**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **16,797.30**

Date Started:

Northing: **5,906,830.00**

Date Completed: **25 Apr 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **38.4** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **13.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **37.2**  
 Perforated How: **Torch**  
 from (m): **32.3** to **37.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould Teh05512** Intake (m): **29.0**

**Testing:**

Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): **29.0** Drawdown (m): **5.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	3.4	752.7		Clay
	9.4	746.6		Clay Silty
	10.4	745.7		Shale Brown
	15.9	740.2		Shale Blue
	20.1	735.9		Shale Green
	21.0	735.0		Shale Gray
	22.3	733.8		Sand Fine Grained Gray
	30.8	725.3		Shale Blue
	31.7	724.3		Sandstone Dark Gray
	34.1	721.9		Sand Fine Grained Gray
	37.2	718.9		Sand & Shale Gray
	38.4	717.6		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-25-050-06 W5M

Well Number 05598

Well Owner: **Paragon Petroleum Corp**

Elevation (AMSL) (m): **770**

AEP: **414268**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **17,028.26**

Date Started: **01 Sep 95**

Northing: **5,908,411.50**

Date Completed: **01 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **45.7**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **37.8** Drawdown (m): **12.8**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	756.1			Clay
27.1	742.7			Shale Mixed
30.5	739.4			Shale Blue
33.5	736.3			Sandstone Gray
36.6	733.3			Shale Blue
41.2	728.7			Sandstone
48.8	721.1			Shale Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-050-06 W5M**

Well Number **05599**

Well Owner: **Zander, H.**

Elevation (AMSL) (m): **768**

AEP: **412227**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **16,399.88**

Date Started: **03 Jun 76**

Northing: **5,908,902.00**

Date Completed: **04 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **26.8** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **130.1** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **26.8**  
 Perforated How: **Torch**  
 from (m): **22.6** to **26.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **15.2**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	758.0	Clay
23.2	744.6	Shale
26.8	740.9	Sandstone

<b>Laboratory:</b>			<b>27 May 80</b>
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1472</b>	SAR	Nickel
TDS	<b>896.0</b>	TKN	Selenium
Sodium	<b>333.04</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium	<b>3.04</b>	TC	Zinc
Carbonate	<b>12.90</b>	DIC	Hydroxide
Bicarbonate	<b>665.01</b>	Arsenic	Total Hardness <b>20.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>212.77</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.21</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>568.0</b>
Silica	<b>10.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-050-06 W5M**

Well Number **05600**

Well Owner: **Zander, Herbert**

Elevation (AMSL) (m): **768**

AEP: **412217**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **16,399.88**

Date Started:

Northing: **5,908,902.00**

Date Completed: **03 Jul 68**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **25.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	755.6	Clay
15.2	752.5	Shale Brown
18.3	749.5	Shale Gray
24.4	743.4	Shale & Sandstone Sandy
25.9	741.8	Sand Gray

Laboratory: **09 Jan 69**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1020</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>65.00</b>
Aluminum	Barium	Manganese
Sulphate <b>269.93</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>567.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-050-06 W5M**

Well Number **05601**

Well Owner: **Warden, J.**

Elevation (AMSL) (m): **769**

AEP: **412206**

Drilling Contractor: *Double S Drilling*

Licence No.:

Easting: **17,419.04**

Date Started:

Northing: **5,907,699.00**

Date Completed: **01 Aug 72**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **34.1** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **130.1** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **104.7** Thickness (mm):  
 Top (m): Bottom (m): **34.1**  
 Perforated How:  
 from (m): **32.0** to **34.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Sta-Rite** Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **2160.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
11.3	757.7		Clay
32.6	736.4		Shale
33.5	735.4		Sandstone
34.1	734.8		Shale

Laboratory: **29 Mar 83**

pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1852</b>	SAR	Nickel
TDS	<b>1201</b>	TKN	<b>0.01</b> Selenium
Sodium	<b>450.11</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate	<b>9.90</b>	DIC	Hydroxide
Bicarbonate	<b>831.57</b>	Arsenic	Total Hardness <b>12.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>325.16</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.51</b>	Chromium	Amm. Nitrogen
Iron	<b>0.23</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>699.0</b>
Silica	<b>8.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 25-050-06 W5M**

Well Number **05602**

Well Owner: **Worden, J**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **769**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412213**  
 Easting: **17,419.04**  
 Northing: **5,907,699.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **33.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **12.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **10.7** Bottom (m): **33.5**  
 Perforated How: **Hammer**  
 from (m): **30.5** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **41.1** Time (minute): **1440.0**  
 Level End (m): **30.5** Drawdown (m): **14.6**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
11.6	757.4	Clay
29.0	740.0	Shale
30.8	738.2	Sandstone
33.5	735.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-050-06 W5M**

Well Number **05603**

Well Owner: **Worden, Jack C.**

Elevation (AMSL) (m): **769**

AEP: **412211**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **17,419.04**

Date Started:

Northing: **5,907,699.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>14 Jul 72</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>2200</b>	SAR	Nickel
TDS	<b>1765</b>	TKN	<b>0.01</b>
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>19.04</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>68.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>500.95</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>1.30</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>818.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

08-26-050-06 W5M

Well Number 05604

Well Owner: **Belleview C/O Barlon Eng Ltd**

Elevation (AMSL) (m): **762**

AEP: **401198**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,950.26**

Date Started: **02 Sep 94**

Northing: **5,908,081.00**

Date Completed: **02 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **45.1** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment: **Unknown** **01 Nov 94**

**Casing:**

Type: **Steel**  
 Depth (m): **14.6** Bottom (m): **14.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **14.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gunfos 40s** Intake (m): **36.6**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **14.6**  
 Rec'd intake (m): **39.0** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

14.0	748.4	Clay Soft Brown
16.5	746.0	Shale Brown
18.6	743.8	Shale Gray
19.5	742.9	Shale Sandy Gray
26.5	735.9	Shale Gray
28.4	734.1	Sand & Sandstone Gray
32.6	729.8	Shale Gray
39.9	722.5	Sand & Sandstone Gray
45.1	717.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 26-050-06 W5M**

Well Number **05605**

Well Owner: **Reich, E.**

Elevation (AMSL) (m): **767**

AEP: **412313**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **14,557.47**

Date Started: **28 Jun 76**

Northing: **5,908,692.00**

Date Completed: **28 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **25.9** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m):  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.9	751.5	Clay		
18.6	748.7	Shale		
19.8	747.5	Rocks Hard		
28.4	739.0	Shale		
30.2	737.1	Shale Water Bearing		
30.5	736.8	Shale		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-050-06 W5M**

Well Number **05606**

Well Owner: **Reich, Ron**

Elevation (AMSL) (m): **767**

AEP: **412314**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **14,557.47**

Date Started: **15 May 89**

Northing: **5,908,692.00**

Date Completed: **15 May 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **28.7** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **36.6** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **4.9**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	760.6	Clay Brown
13.7	753.6	Clay Silty Brown
14.6	752.7	Sandstone Brownish Gray
18.3	749.0	Shale Brown
21.9	745.4	Shale Gray
23.8	743.5	Sandstone Gray
28.7	738.7	Shale Gray
29.3	738.0	Sand Gray
29.9	737.4	Sandstone Gray
33.5	733.8	Sand & Sandstone Gray
34.4	732.9	Shale Dark Gray
45.1	722.2	Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-050-06 W5M**

Well Number **05607**

Well Owner: **Pische, H**

Elevation (AMSL) (m): **763**

AEP: **412307**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **15,919.85**

Date Started: **01 Mar 82**

Northing: **5,907,957.50**

Date Completed: **01 Mar 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **33.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **19.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **33.5**  
 Perforated How: **Torch**  
 from (m): **27.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **60.0**  
 Level End (m): **33.5** Drawdown (m): **12.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
8.5	754.9		Clay
27.4	736.0		Shale
33.5	729.9		Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-050-06 W5M**

Well Number **05608**

Well Owner: **Pischke, Henry**

Elevation (AMSL) (m): **763**

AEP: **412305**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **15,919.85**

Date Started:

Northing: **5,907,957.50**

Date Completed: **03 Apr 73**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **32.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **32.3**  
 Perforated How: **Unknown**  
 from (m): **27.4** to **32.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	752.7	Clay Yellow
15.5	747.8	Shale Blue
18.6	744.8	Shale Brittle
19.5	743.9	Shale Brittle Green
21.6	741.7	Shale Green
22.9	740.5	Shale Brittle Brown
26.5	736.9	Shale Green
27.7	735.6	Shale Brittle Gray
28.7	734.7	Shale Green
29.6	733.8	Shale Brittle Gray
29.9	733.5	Shale Gray
32.3	731.1	Sand & Shale Gray

Laboratory:			<b>24 May 73</b>
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>2200</b>	SAR	Nickel
TDS	<b>1360</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	<b>0.01</b> Molybdenum
Calcium	<b>12.02</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>32.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>360.23</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance
Fluoride	<b>0.66</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>670.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-050-06 W5M**

Well Number **05609**

Well Owner: **Wolf, Henry**

Elevation (AMSL) (m): **761**

AEP: **412310**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **14,541.60**

Date Started: **11 Apr 77**

Northing: **5,908,271.00**

Date Completed: **12 Apr 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth: **30.8** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **18.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.8**  
 Perforated How: **Torch**  
 from (m): **25.9** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **19.8**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
15.2	745.9	Clay
18.6	742.6	Shale
20.1	741.0	Rocks Hard
29.0	732.2	Shale
30.5	730.7	Sandstone
30.8	730.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-050-06 W5M**

Well Number **05610**

Well Owner: **King, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412317**  
 Easting: **14,411.54**  
 Northing: **5,908,304.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **05 Nov 81**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>3230</b>	SAR	Nickel
TDS <b>2007</b>	TKN	Selenium
Sodium <b>710.93</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate <b>18.00</b>	DIC	Hydroxide
Bicarbonate <b>741.88</b>	Arsenic	Total Hardness <b>25.00</b>
Aluminum	Barium	Manganese
Sulphate <b>902.96</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.34</b>	Chromium	Amm. Nitrogen
Iron <b>1.05</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>639.0</b>
Silica <b>6.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 27-050-06 W5M**

Well Number **05611**

Well Owner: **Lindemulder, Klass**

Elevation (AMSL) (m): **771**

AEP: **412321**

Drilling Contractor: **Schadeck, Otto Drilling**

Licence No.:

Easting: **12,966.66**

Date Started:

Northing: **5,908,097.50**

Date Completed: **01 Jun 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **25.6** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **25.6**  
 Perforated How: **Unknown**  
 from (m): **22.6** to **25.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Barnes 9stage** Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	762.8	Clay
10.1	761.2	Boulders
17.7	753.6	Clay Sandy
22.3	749.0	Shale Sandy
23.8	747.5	Shale
25.6	745.7	Shale Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-050-06 W5M**

Well Number **05612**

Well Owner: **Schadeck, H.**

Elevation (AMSL) (m): **774**

AEP: **412349**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **12,767.32**

Date Started:

Northing: **5,908,834.00**

Date Completed: **16 Dec 60**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **40.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Loose**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm):  
 Top (m): Bottom (m): **40.5**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.5	757.1			Clay
21.0	752.5			Sandstone
22.6	751.0			Shale Green
29.3	744.3			Sandstone
33.2	740.4			Shale
35.4	738.2			Sandstone
35.7	737.9			Sandstone Hard
40.5	733.0			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 28-050-06 W5M**

Well Number **05613**

Well Owner: **Schadeck, Henry**

Elevation (AMSL) (m): **774**

AEP: **406890**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **12,767.32**

Date Started: **13 Jun 95**

Northing: **5,908,834.00**

Date Completed: **13 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **42.7** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **31.1** Drawdown (m): **1.8**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
17.4	756.2	Clay
18.3	755.3	Shale Gray
21.9	751.6	Silt & Sandstone
31.1	742.5	Shale Blue Gray
42.7	730.9	Sandstone White

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 28-050-06 W5M**

Well Number **05614**

Well Owner: **Schadeck, Fred**

Elevation (AMSL) (m): **767**

AEP: **412345**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **11,409.59**

Date Started:

Northing: **5,908,903.00**

Date Completed: **01 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **12.2**  
 Perforated How:  
 from (m): **6.1** to **8.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Barnes 13 Stage** Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **8.2** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	762.2		Clay
8.5	758.3		Sandstone
12.2	754.6		Shale

Laboratory: **02 Dec 74**

pH (pH unit)	<b>7.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1240</b>	SAR	Nickel
TDS	<b>667.0</b>	TKN	Selenium
Sodium	<b>57.04</b>	Nitrate	<b>0.01</b>
Potassium	<b>3.13</b>	Nitrite	<b>0.01</b>
Calcium	<b>99.00</b>	TN	Molybdenum
Magnesium	<b>57.03</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.78</b>	Arsenic	Total Hardness <b>479.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>165.22</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.17</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>464.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-050-06 W5M**

Well Number **05615**

Well Owner: **Shadeck, F.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412342**  
 Easting: **11,409.59**  
 Northing: **5,908,903.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **18.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **06 Nov 67**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>734.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>329.00</b>
Aluminum	Barium	Manganese
Sulphate <b>122.96</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride <b>0.10</b>	Chromium	Amm. Nitrogen
Iron <b>425.0</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>494.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 28-050-06 W5M**

Well Number **05616**

Well Owner: **Wold, Adolf**

Elevation (AMSL) (m): **765**

AEP: **351020**

Licence No.:

Easting: **12,830.31**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **31 Jul 89**

Northing: **5,908,183.50**

Date Completed: **31 Jul 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **66.1** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.4** Bottom (m): **66.1**  
 Perforated How: **Machine**  
 from (m): **54.9** to **66.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **57.9**

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **56.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	757.9	Clay Brown
10.4	754.5	Shale Sandy Brown
14.0	750.9	Shale Brown
20.4	744.5	Shale Gray
21.3	743.6	Shale & Sandstone Gray
24.1	740.8	Shale Gray
24.4	740.5	Sandstone Gray
25.0	739.9	Sand Fine Grained Gray
31.7	733.2	Shale Gray
32.9	732.0	Sand Fine Grained Gray
36.6	728.3	Shale Gray
50.9	714.0	Shale Sandy Gray
51.5	713.4	Sandstone Gray
56.1	708.8	Sand Coarse Grained Gray
60.0	704.8	Sand Gray
62.2	702.7	Sandstone Fractured Gray
65.5	699.4	Sand Coarse Grained Gray
66.1	698.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 28-050-06 W5M**

Well Number **05617**

Well Owner: **Wolf, A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **765**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412330**  
 Easting: **12,830.31**  
 Northing: **5,908,183.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **16 Jan 75**

pH (pH unit) <b>8.70</b>	COD	Mercury
Cond. (µS/cm) <b>1150</b>	SAR	Nickel
TDS	TKN	Selenium
Sodium <b>269.10</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>0.39</b>	Nitrite <b>0.01</b>	Molybdenum
Calcium <b>7.01</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate <b>27.00</b>	DIC	Hydroxide
Bicarbonate <b>638.77</b>	Arsenic	Total Hardness <b>23.00</b>
Aluminum	Barium	Manganese
Sulphate <b>85.97</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride <b>0.68</b>	Chromium	Amm. Nitrogen
Iron <b>0.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>569.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 28-050-06 W5M**

Well Number **05618**

Well Owner: **Wolf, Adolf**

Elevation (AMSL) (m): **765**

AEP: **412337**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **12,830.31**

Date Started:

Northing: **5,908,183.50**

Date Completed: **01 Oct 74**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **24.4**  
 Perforated How:  
 from (m): **21.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Barnes 9stage** Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **19.8** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	757.3	Clay
16.8	748.1	Clay Sandy
24.4	740.5	Shale

Laboratory:

**16 Jan 75**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>3530</b>	SAR	Nickel
TDS	<b>2119</b>	TKN	Selenium
Sodium	<b>799.94</b>	Nitrate	<b>0.01</b>
Potassium	<b>1.56</b>	Nitrite	<b>0.01</b>
Calcium	<b>35.07</b>	TN	Molybdenum
Magnesium	<b>4.99</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>1208.00</b>	Arsenic	Total Hardness <b>109.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>678.18</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.09</b>
Fluoride	<b>0.26</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>991.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 28-050-06 W5M**

Well Number **05619**

Well Owner: **Wolf, Adolf**

Elevation (AMSL) (m): **765**

AEP: **412326**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **12,830.31**

Date Started:

Northing: **5,908,183.50**

Date Completed: **01 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **29.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **29.0**  
 Perforated How: **Unknown**  
 from (m): **22.9** to **29.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **100.3** Time (minute): **60.0**  
 Level End (m): **22.6** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	757.3			Clay
15.2	749.6			Clay Sandy
22.6	742.3			Shale
29.0	735.9			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

13-29-050-06 W5M

Well Number 05620

Well Owner: Amoco Can Pet Ltd #Sp 153

Elevation (AMSL) (m): 786

AEP: 412369

Drilling Contractor: Unknown Driller

Licence No.:

Easting: 9,917.95

Date Started: 23 Mar 78

Northing: 5,908,696.38

Date Completed: 24 Mar 78

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth **18.3** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **25 Mar 78**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



12-29-050-06 W5M

Well Number 05621

Well Owner: **Amoco Can Pet Ltd #Sp165**

Elevation (AMSL) (m): **783**

AEP: **412366**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,906.90**

Date Started: **23 Mar 78**

Northing: **5,908,302.17**

Date Completed: **24 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bassani Plug 25 Mar 78**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 29-050-06 W5M**

Well Number **05622**

Well Owner: **Bast, Bernard**

Elevation (AMSL) (m): **780**

AEP: **350078**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,745.37**

Date Started: **24 Feb 90**

Northing: **5,908,558.50**

Date Completed: **24 Feb 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **39.0** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **39.0**  
 Perforated How: **Machine**  
 from (m): **34.1** to **39.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **10.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	774.4	Clay Sandy Brown
5.5	774.1	Sand Brown
5.8	773.8	Sandstone Gray
11.6	768.0	Sand Brown
14.0	765.6	Shale Gray
16.5	763.1	Shale Green
22.9	756.7	Shale Gray
23.8	755.8	Shale Sandy Gray
24.7	754.9	Sandstone Fractured
25.6	754.0	Shale Sandy Gray
28.0	751.6	Shale Gray
32.9	746.7	Shale Green
34.8	744.8	Shale Gray
39.0	740.6	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 29-050-06 W5M**

Well Number **05623**

Well Owner: **Lymchuck, S.**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **777**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412364**  
 Easting: **10,121.11**  
 Northing: **5,908,493.43**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Cable Tool**  
 Well Use: **Unknown**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **01 Dec 64**

**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
5.5	771.3	Clay
12.8	764.0	Coal
33.5	743.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 29-050-06 W5M**

Well Number **05624**

Well Owner: **Evenson, E.**

Elevation (AMSL) (m): **750**

AEP: **412357**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **9,926.83**

Date Started: **01 Oct 82**

Northing: **5,907,721.00**

Date Completed: **01 Oct 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **32.9** Bottom (m): **53.3**  
 Perforated How: **Torch**  
 from (m): **50.3** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **53.3**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **360.0**  
 Level End (m): **53.3** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
16.8	732.9	Clay
32.9	716.7	Sand
53.3	696.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 29-050-06 W5M**

Well Number **05625**

Well Owner: **Henrichs, Ron**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412360**  
 Easting: **9,926.83**  
 Northing: **5,907,721.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Nov 85**

pH (pH unit) <b>8.70</b>	COD	Mercury
Cond. (µS/cm) <b>1191</b>	SAR	Nickel
TDS <b>747.0</b>	TKN <b>0.01</b>	Selenium
Sodium <b>299.92</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate <b>18.90</b>	DIC	Hydroxide
Bicarbonate <b>593.63</b>	Arsenic	Total Hardness <b>21.00</b>
Aluminum	Barium	Manganese
Sulphate <b>125.84</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>1.15</b>	Chromium	Amm. Nitrogen
Iron <b>0.15</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>519.0</b>
Silica <b>7.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 29-050-06 W5M**

Well Number **05626**

Well Owner: **Mulder, J.**

Elevation (AMSL) (m): **750**

AEP: **412354**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **9,926.83**

Date Started: **01 Nov 76**

Northing: **5,907,721.00**

Date Completed: **01 Nov 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **95.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Unknown**  
 from (m): to **41.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	740.5		Clay
41.5	708.2		Shale
43.3	706.3		Shale Water Bearing
58.2	691.4		Shale
59.7	689.9		Sandstone
95.1	654.5		Shale Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

12-31-050-06 W5M

Well Number 05632

Well Owner: Amoco Can Pet Ltd #Sp215

Elevation (AMSL) (m): 778

AEP: 412382

Licence No.:

Easting: 8,282.28

Drilling Contractor: Unknown Driller

Date Started: 29 Jul 73

Northing: 5,909,907.98

Date Completed:

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth **15.2** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **17 Aug 73**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 31-050-06 W5M**

Well Number **05633**

Well Owner: **Brown, Wayne**

Elevation (AMSL) (m): **781**

AEP: **367066**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,576.11**

Date Started: **30 Oct 92**

Northing: **5,909,273.50**

Date Completed: **30 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **72.5** (m)  
 NPWL (m): **46.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **40.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **72.5**  
 Perforated How: **Machine**  
 from (m): **61.0** to **72.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **11.0**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	777.4	Clay Brown
8.2	772.5	Shale Sandy Brown
14.0	766.7	Shale Brown
18.3	762.4	Shale Sandy Brownish Gray
25.6	755.1	Shale Green
32.6	748.1	Sand & Sandstone Fractured
35.4	745.3	Shale Light Gray
38.4	742.3	Shale Sandy Gray
42.1	738.6	Shale Green
44.5	736.2	Sand & Sandstone Gray
47.9	732.9	Shale Gray
50.3	730.4	Shale Bentonitic Gray
52.1	728.6	Shale Gray
72.5	708.2	Sand & Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 31-050-06 W5M**

Well Number **05634**

Well Owner: **Palomar, Bob**  
 Drilling Contractor: *Triple M Drilling*

Elevation (AMSL) (m): **781**      AEP: **412379**  
 Licence No.:                              Easting: **9,576.11**  
 Date Started: **27 Dec 76**      Northing: **5,909,273.50**  
 Date Completed: **29 Dec 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **17.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.6**      Bottom (m): **21.6**  
 OD (mm):                      Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m):                      to **20.7**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:                              Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **63.9**                      Time (minute): **300.0**  
 Level End (m): **17.4**                      Drawdown (m): **0.3**  
 Rec'd intake (m): **18.3**                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	771.9	Clay Yellow
12.5	768.2	Clay Gray
13.1	767.6	Sandstone Hard Gray
17.1	763.6	Shale Green
21.6	759.1	Shale Gray
23.8	756.9	Sandstone White
25.3	755.4	Shale Green
27.4	753.3	Sandstone White

<b>Laboratory:</b>			<b>16 Jul 81</b>
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1451</b>	SAR	Nickel
TDS	<b>848.0</b>	TKN	Selenium
Sodium	<b>236.90</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>26.05</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>751.03</b>	Arsenic	Total Hardness <b>194.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>177.23</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.89</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>0.78</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>616.0</b>
Silica	<b>12.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 32-050-06 W5M**

Well Number **05635**

Well Owner: **Welk, Herman**

Elevation (AMSL) (m): **772**

AEP: **412400**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,163.18**

Date Started:

Northing: **5,910,624.50**

Date Completed: **01 Mar 66**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	756.9			Clay
18.3	753.8			Shale
41.2	731.0			Sand & Sandstone
44.2	727.9			Sand & Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 32-050-06 W5M**

Well Number **05636**

Well Owner: **Gilbert, Frank**

Elevation (AMSL) (m): **785**

AEP: **412397**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **10,200.01**

Date Started: **13 Sep 89**

Northing: **5,910,564.50**

Date Completed: **13 Sep 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **69.5** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.6** Bottom (m): **69.5**  
 Perforated How: **Machine**  
 from (m): **57.3** to **69.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **56.4**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **56.4** Drawdown (m): **10.7**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	778.7			Clay
7.3	777.4			Shale Sandy Brown
7.9	776.8			Sandstone Brown
13.1	771.6			Shale Brown
18.6	766.2			Shale Gray
21.0	763.7			Sandstone Brownish Gray
22.6	762.2			Shale
27.1	757.6			Shale Gray
33.2	751.5			Shale & Sandstone Fine Grained
37.2	747.6			Shale Gray
39.6	745.1			Shale Sandy Gray
42.7	742.1			Sand Gray
44.5	740.3			Sand Coarse Grained Gray
46.9	737.8			Sand & Shale Gray
55.8	729.0			Sand Gray
56.7	728.1			Shale Gray
69.5	715.3			Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-050-06 W5M**

Well Number **05637**

Well Owner: **Hooper, C.**

Elevation (AMSL) (m): **785**

AEP: **412393**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **10,200.01**

Date Started:

Northing: **5,910,564.50**

Date Completed: **22 May 70**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Sta-Rite** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL) (m)</b>	<b>(AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	781.7	Clay
6.1	778.7	Shale Brown
12.2	772.6	Sand & Shale Brown
39.6	745.1	Sand Gray
64.0	720.8	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-050-06 W5M**

Well Number **05638**

Well Owner: **Pezzot, Secondo**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **781**  
 Licence No.:  
 Date Started:  
 Date Completed: **24 Aug 59**  
 AEP: **412386**  
 Easting: **9,682.82**  
 Northing: **5,909,368.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **22.6** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **8.8** Bottom (m): **8.8**  
 OD (mm): **131.1** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Rod**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **260.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	774.6	Clay
17.7	763.3	Sandstone
22.6	758.5	Shale

Laboratory: **22 Jun 70**

pH (pH unit)	COD	Mercury
Cond. (µS/cm) <b>1720</b>	SAR	Nickel
TDS <b>1218</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>37.00</b>
Aluminum	Barium	Manganese
Sulphate <b>429.87</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.46</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>819.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-050-06 W5M**

Well Number **05639**

Well Owner: **Pezzot, Secondo**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **781**  
 Licence No.:  
 Date Started:  
 Date Completed: **17 Aug 59**  
 AEP: **412384**  
 Easting: **9,682.82**  
 Northing: **5,909,368.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **23.8** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **142.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Rod** Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **60.0**  
 Level End (m): **16.5** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	774.0	Clay
16.5	764.5	Sandstone
18.3	762.7	Shale
23.8	757.2	Shale Water Bearing

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-050-06 W5M**

Well Number **05640**

Well Owner: **Primeau, Ron**  
 Drilling Contractor: *Darragh Lee*

Elevation (AMSL) (m): **781**      AEP: **412390**  
 Licence No.:                              Easting: **9,682.82**  
 Date Started: **03 Nov 79**          Northing: **5,909,368.50**  
 Date Completed: **05 Nov 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **17.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **23.2**      Bottom (m): **23.2**  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                  to **22.9**  
**Liner:**  
 Type:  
 OD (mm):                  Thickness (mm):  
 Top (m):                  Bottom (m):  
 Perforated How:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
 from (m):                  to                  Size:  
**Screen:**  
 Material:  
 OD (mm):                  to                  Size:  
 from (m):                  to                  Size:  
**Open Hole:**  
 from (m):                  to  
**Pump:**  
 Model:                                  Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **18.2**                  Time (minute): **320.0**  
 Level End (m): **18.3**              Drawdown (m): **0.9**  
 Rec'd intake (m): **21.3**              Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	774.3	Clay Sandy Brown
10.1	770.9	Sandstone
11.0	770.0	Sandstone Hard White
14.6	766.4	Sandstone
22.9	758.1	Shale Blue
24.4	756.6	Shale Hard Blue
31.4	749.6	Shale Water Bearing
33.5	747.5	Shale Blue

<b>Laboratory:                                  15 Nov 79</b>			
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1798</b>	SAR	Nickel
TDS	<b>1191</b>	TKN	Selenium
Sodium	<b>480.93</b>	Nitrate	Strontium
Potassium	<b>0.78</b>	Nitrite	Molybdenum
Calcium	<b>8.02</b>	TN	Vanadium
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate	<b>15.00</b>	DIC	Hydroxide
Bicarbonate	<b>929.79</b>	Arsenic	Total Hardness <b>25.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>224.78</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.05</b>
Fluoride	<b>0.38</b>	Chromium	Amm. Nitrogen
Iron	<b>0.82</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>788.0</b>
Silica	<b>15.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                  m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                  Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

09-33-050-06 W5M

Well Number 05641

Well Owner: Crawford, Robert

Elevation (AMSL) (m): 766

AEP: 380727

Drilling Contractor: Panky'S Consolidated Ltd.

Licence No.:

Easting: 12,864.81

Date Started: 10 Aug 95

Northing: 5,909,999.00

Date Completed: 10 Aug 95

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **48.2** (m)  
NPWL (m): **25.8** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **30.5** Bottom (m): **30.5**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **30.5**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **29.9** Bottom (m): **48.2**  
Perforated How: **Machine**  
from (m): **36.6** to **48.2** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
Level End (m): **28.7** Drawdown (m): **3.1**  
Rec'd intake (m): **36.6** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
21.3	745.0	Clay
27.1	739.2	Sandstone Gray
31.1	735.2	Shale Blue
48.2	718.1	Sandstone White

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 33-050-06 W5M**

Well Number **05642**

Well Owner: **Boldwin, Bryan**

Elevation (AMSL) (m): **771**

AEP: **413200**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **12,825.83**

Date Started: **25 May 87**

Northing: **5,910,469.50**

Date Completed: **25 May 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **22.6** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **36.6** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds Teh05412** Intake (m): **38.1**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **10.7**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	763.5			Clay
20.1	750.7			Clay
20.4	750.4			Sandstone Gray
21.9	748.8			Shale Shattered Gray
23.8	747.0			Shale Light Gray
25.6	745.2			Shale Green
32.0	738.8			Shale Gray
41.5	729.3			Sand & Sandstone Gray
43.3	727.5			Sandstone Gray
45.1	725.7			Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-050-06 W5M**

Well Number **05643**

Well Owner: **Boorse, Don**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **413202**  
 Easting: **12,825.83**  
 Northing: **5,910,469.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **03 Apr 79**

pH (pH unit) <b>8.60</b>	COD	Mercury
Cond. (µS/cm) <b>1504</b>	SAR	Nickel
TDS <b>985.0</b>	TKN	Selenium
Sodium <b>404.11</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>7.01</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate <b>12.00</b>	DIC	Hydroxide
Bicarbonate <b>892.58</b>	Arsenic	Total Hardness <b>27.00</b>
Aluminum	Barium	Manganese
Sulphate <b>117.19</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>0.61</b>	Chromium	Amm. Nitrogen
Iron <b>0.87</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>753.0</b>
Silica <b>12.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 33-050-06 W5M**

Well Number **05644**

Well Owner: **Pryor, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412412**  
 Easting: **12,825.83**  
 Northing: **5,910,469.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **23 Sep 74**

pH (pH unit) <b>7.60</b>	COD	Mercury
Cond. (µS/cm) <b>1780</b>	SAR	Nickel
TDS <b>1038</b>	TKN	Selenium
Sodium <b>411.01</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>0.78</b>	Nitrite <b>0.01</b>	Molybdenum
Calcium <b>13.03</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>970.67</b>	Arsenic	Total Hardness <b>38.00</b>
Aluminum	Barium	Manganese
Sulphate <b>120.08</b>	Beryllium	Phosphate
Chloride <b>8.15</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.43</b>	Chromium	Amm. Nitrogen
Iron <b>0.90</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>796.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 33-050-06 W5M**

Well Number **05645**

Well Owner: **Pryor, Everett**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **413201**  
 Easting: **12,825.83**  
 Northing: **5,910,469.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **25 Apr 74**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1550</b>	SAR	Nickel
TDS <b>1023</b>	TKN	Selenium
Sodium <b>423.89</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>0.78</b>	Nitrite <b>0.01</b>	Molybdenum
Calcium <b>1.00</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>1012.77</b>	Arsenic	Total Hardness <b>1.00</b>
Aluminum	Barium	Manganese
Sulphate <b>99.90</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride <b>0.42</b>	Chromium	Amm. Nitrogen
Iron <b>0.70</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>831.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 33-050-06 W5M**

Well Number **05646**

Well Owner: **Pryor, Evertt**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **412415**  
 Easting: **12,825.83**  
 Northing: **5,910,469.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **03 Sep 74**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1700</b>	SAR	Nickel
TDS <b>1002</b>	TKN	Selenium
Sodium <b>399.97</b>	Nitrate <b>0.02</b>	Strontium
Potassium <b>0.78</b>	Nitrite <b>0.02</b>	Molybdenum
Calcium <b>9.02</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>956.64</b>	Arsenic	Total Hardness <b>29.00</b>
Aluminum	Barium	Manganese
Sulphate <b>108.07</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.37</b>	Chromium	Amm. Nitrogen
Iron <b>0.70</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>785.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 33-050-06 W5M**

Well Number **05647**

Well Owner: **Schadeck, George**

Elevation (AMSL) (m): **778**

AEP: **351021**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,581.26**

Date Started: **03 Oct 89**

Northing: **5,910,654.50**

Date Completed: **03 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.8** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **17.1** Bottom (m): **26.8**  
 Perforated How: **Machine**  
 from (m): **18.3** to **26.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **14.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	768.7	Clay Soft
10.1	768.4	Shale Gray
14.0	764.5	Sand Fractured
16.5	762.0	Shale Gray
22.3	756.2	Shale Green
23.8	754.7	Sandstone Gray
25.3	753.2	Shale Gray
26.8	751.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-050-06 W5M**

Well Number **05648**

Well Owner: **Cooke, Mark A.**

Elevation (AMSL) (m): **763**

AEP: **412407**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **12,693.94**

Date Started:

Northing: **5,909,574.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>30 Oct 85</b>	
pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>2010</b>	SAR	Nickel
TDS	<b>1289</b>	TKN	Selenium
Sodium	<b>494.96</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>1.00</b>	TN	Vanadium
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>808.99</b>	Arsenic	Total Hardness <b>5.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>390.00</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.15</b>	Chromium	Amm. Nitrogen
Iron	<b>0.06</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>664.0</b>
Silica	<b>13.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 33-050-06 W5M**

Well Number **05649**

Well Owner: **Jelkela, G.**

Elevation (AMSL) (m): **763**

AEP: **412404**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **12,693.94**

Date Started: **26 Jan 78**

Northing: **5,909,574.50**

Date Completed: **29 Jan 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **9.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **27.4**  
 Perforated How: **Torch**  
 from (m): **21.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **19.8**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **13.7** Drawdown (m):  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	757.0	Clay
19.8	743.6	Shale
21.0	742.3	Rocks Hard
25.3	738.1	Shale
27.1	736.2	Sandstone
27.4	735.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 33-050-06 W5M**

Well Number **05650**

Well Owner: **Schadeck, George**

Elevation (AMSL) (m): **768**

AEP: **412410**

Drilling Contractor: *Schadeck, Otto Drilling*

Licence No.:

Easting: **11,339.03**

Date Started:

Northing: **5,909,202.50**

Date Completed: **01 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **131.6** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **106.2** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **24.4**  
 Perforated How:  
 from (m): **20.7** to **22.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Deming 9 Stage** Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **480.0**  
 Level End (m): **21.3** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
12.8	755.6	Clay	
17.7	750.8	Sand	
20.7	747.7	Shale Sandy	
24.4	744.1	Shale	

Laboratory: **16 Jan 75**

pH (pH unit)	<b>8.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1600</b>	SAR	Nickel
TDS	<b>1049</b>	TKN	Selenium
Sodium	<b>391.92</b>	Nitrate	<b>0.01</b>
Potassium	<b>0.78</b>	Nitrite	<b>0.01</b>
Calcium	<b>10.02</b>	TN	Molybdenum
Magnesium	<b>0.97</b>	TC	Zinc
Carbonate	<b>24.00</b>	DIC	Hydroxide
Bicarbonate	<b>818.75</b>	Arsenic	Total Hardness <b>29.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>210.85</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.39</b>	Chromium	Amm. Nitrogen
Iron	<b>0.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>711.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-050-06 W5M**

Well Number **05651**

Well Owner: **McGinn, Clifford**

Elevation (AMSL) (m): **768**

AEP: **413204**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **13,308.53**

Date Started:

Northing: **5,910,331.00**

Date Completed: **03 Jun 60**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	751.2	Clay
19.8	748.2	Shale
22.9	745.1	Sandstone
28.7	739.3	Shale
29.6	738.4	Sandstone Hard
33.5	734.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-050-06 W5M**

Well Number **05652**

Well Owner: **Reich, Gary**

Elevation (AMSL) (m): **771**

AEP: **413203**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **14,450.87**

Date Started: **08 Jun 87**

Northing: **5,909,671.50**

Date Completed: **08 Jun 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **32.3** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **32.3**  
 Perforated How: **Torch**  
 from (m): **18.3** to **32.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **15.2**

**Testing:**

Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	765.6			Clay Yellow
6.1	765.3			Sandstone
14.6	756.8			Shale Brittle Gray
20.4	751.0			Shale Brittle Light Gray
25.6	745.8			Sandstone Brittle
26.2	745.2			Shale Brittle Greenish Gray
31.4	740.0			Sandstone
32.3	739.1			Shale Greenish Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-050-06 W5M**

Well Number **05653**

Well Owner: **Jabs, W.**

Elevation (AMSL) (m): **776**

AEP: **413207**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **15,868.81**

Date Started: **06 Jun 76**

Northing: **5,910,272.00**

Date Completed: **07 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **11.6** Bottom (m): **11.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **159.6** Time (minute): **60.0**  
 Level End (m): **18.3** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	765.3	Clay
14.9	760.8	Shale
15.9	759.8	Rocks Hard
28.4	747.3	Shale
30.2	745.5	Shale Water Bearing
30.5	745.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-050-06 W5M**

Well Number **05654**

Well Owner: **Zander, Charles**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **413208**  
 Easting: **15,868.81**  
 Northing: **5,910,272.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **10.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>13 Jul 64</b>
pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1090</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>50.00</b>
Aluminum	Barium	Manganese
Sulphate <b>150.81</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>735.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-050-06 W5M**

Well Number **05655**

Well Owner: **Hooper, Don**

Elevation (AMSL) (m): **772**

AEP: **413205**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **15,927.64**

Date Started:

Northing: **5,909,808.00**

Date Completed: **29 Oct 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **36.9** (m)  
 NPWL (m): **31.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **36.9**  
 Perforated How:  
 from (m): **33.8** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **31.7** Drawdown (m): **0.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	761.0	Clay	Yellow	
11.3	760.4	Clay	Blue	
12.2	759.5	Clay	Yellow	
15.2	756.5	Clay	Blue	
16.8	754.9	Shale	Brittle Gray	
18.3	753.4	Shale	Light Gray	
20.7	751.0	Clay	Yellow	
28.4	743.3	Shale	Green	
29.9	741.8	Shale	Light Gray	
30.2	741.5	Sandstone		
33.2	738.5	Shale	Light Gray	
36.9	734.8	Shale	Sandy Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-050-06 W5M**

Well Number **05656**

Well Owner: **Pischke, E.**

Elevation (AMSL) (m): **772**

AEP: **413206**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,927.64**

Date Started: **28 Oct 82**

Northing: **5,909,808.00**

Date Completed: **28 Oct 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **39.6** (m)  
 NPWL (m): **26.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **15.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **38.1**  
 Perforated How: **Torch**  
 from (m): **26.2** to **38.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **27.1**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **240.0**  
 Level End (m): **27.1** Drawdown (m): **0.9**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	761.0	Clay
13.7	758.0	Shale Gray
14.0	757.7	Sandstone Brown
21.3	750.4	Shale Gray
39.6	732.1	Sand & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-050-06 W5M**

Well Number **05657**

Well Owner: **Ennis, B.**

Elevation (AMSL) (m): **776**

AEP: **413213**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **17,622.21**

Date Started: **01 Apr 80**

Northing: **5,910,383.00**

Date Completed: **01 May 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **38.1** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **10.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **38.1**  
 Perforated How: **Torch**  
 from (m): **32.0** to **38.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **41.1** Time (minute): **1440.0**  
 Level End (m): **19.8** Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL) (m)</b>	<b>(AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	768.4	Clay & Boulders
27.4	748.6	Shale
29.0	747.0	Sand
38.1	737.9	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 36-050-06 W5M**

Well Number **05658**

Well Owner: **Ennis, Barry**

Elevation (AMSL) (m): **776**

AEP: **413214**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,622.21**

Date Started: **15 Jul 87**

Northing: **5,910,383.00**

Date Completed: **21 Jul 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **101.8** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **44.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **100.9**  
 Perforated How: **Torch**  
 from (m): **59.4** to **100.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.3**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **82.3** Drawdown (m): **44.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.4	766.5	Clay	Yellow	
10.7	765.3	Clay	Blue	
11.9	764.1	Siltstone	Yellow	
15.5	760.5	Shale	Brittle	
33.2	742.8	Siltstone	Yellow	
41.5	734.5	Sand & Shale	Silty Gray	
47.6	728.4	Shale	Green	
53.0	723.0	Sandstone		
62.5	713.5	Shale	Greenish Gray	
65.5	710.5	Sandstone		
78.0	698.0	Shale	Gray	
100.9	675.1	Shale	Sandy Gray	
101.8	674.2	Shale	Brittle	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 36-050-06 W5M**

Well Number **05659**

Well Owner: **Nault, Allan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **777**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **413212**  
 Easting: **16,261.44**  
 Northing: **5,910,197.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 36-050-06 W5M**

Well Number **05660**

Well Owner: **Mohr, Andreas**

Elevation (AMSL) (m): **775**

AEP: **359708**

Licence No.:

Easting: **16,591.76**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **26 Aug 91**

Northing: **5,909,998.50**

Date Completed: **26 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **81.4** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.4** Bottom (m): **81.4**  
 Perforated How: **Machine**  
 from (m): **45.7** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **31.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	770.0	Clay Brown
13.7	761.2	Clay Sandy Gray
14.9	759.9	Shale & Sandstone Brown
18.3	756.6	Shale Brownish Gray
21.0	753.8	Shale Green
22.6	752.3	Sand & Sandstone Gray
25.9	749.0	Shale Green
26.5	748.4	Shale Gray
30.8	744.1	Sand Gray
32.3	742.6	Shale & Sandstone Gray
43.3	731.6	Sand Gray
44.8	730.1	Shale Gray
46.9	727.9	Sand Fine Grained Gray
49.1	725.8	Shale Green
51.2	723.7	Shale & Sandstone Fine Grained
52.4	722.5	Shale Gray
54.9	720.0	Sand Gray
57.0	717.9	Shale Green
59.1	715.7	Sandstone Fine Grained Gray
61.9	713.0	Shale Gray
66.4	708.4	Sand Fine Grained Gray
70.1	704.8	Shale Gray
72.2	702.6	Sand & Sandstone Gray
81.4	693.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-050-06 W5M**

Well Number **05661**

Well Owner: **Troudt, Gordon**

Elevation (AMSL) (m): **775**

AEP: **413211**

Drilling Contractor: **L&C Drlg**

Licence No.:

Easting: **16,295.92**

Date Started: **22 May 80**

Northing: **5,909,504.00**

Date Completed: **22 May 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **25.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to **25.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **32.0**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **32.0** Drawdown (m): **6.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	762.8	Clay
13.7	761.2	Sandstone
32.0	742.9	Shale Blue
41.2	733.8	Sand Water Bearing

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-050-06 W5M**

Well Number **05662**

Well Owner: **Wickwore, H.**

Elevation (AMSL) (m): **775**

AEP: **413210**

Drilling Contractor: **Scott, H.A. Drilling**

Licence No.:

Easting: **16,295.92**

Date Started: **01 Jul 82**

Northing: **5,909,504.00**

Date Completed: **01 Jul 82**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **43.3** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **12.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **43.3**  
 Perforated How: **Torch**  
 from (m): **34.1** to **43.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **10.7**  
**Testing:**  
 Rate (lpm): **41.1** Time (minute): **600.0**  
 Level End (m): **10.7** Drawdown (m):  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	770.4		Clay
12.2	762.8		Shale
13.7	761.2		Rocks Hard
14.9	760.0		Shale
15.2	759.7		Old Well
29.0	746.0		Shale
42.7	732.3		Sandstone
43.3	731.7		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-050-06 W5M**

Well Number **05663**

Well Owner: **Zander, M.**

Elevation (AMSL) (m): **775**

AEP: **413209**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **16,295.92**

Date Started:

Northing: **5,909,504.00**

Date Completed: **17 May 69**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	765.8			Clay
12.2	762.8			Sandstone Green
15.2	759.7			Sandstone Green
18.3	756.7			Shale Green
24.4	750.6			Shale Gray
44.2	730.8			Sand Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**WH 36-050-06 W5M**

Well Number **05664**

Well Owner: **Godwin John & Jean Yvonne**

Elevation (AMSL) (m): **774**

AEP: **354156**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **16,265.92**

Date Started: **06 Aug 90**

Northing: **5,909,736.50**

Date Completed: **06 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **42.1** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.2** Bottom (m): **42.1**  
 Perforated How: **Machine**  
 from (m): **30.5** to **42.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **7.6**  
 Rec'd intake (m): **37.8** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	772.0			Clay Brown
8.2	766.2			Clay Gray
8.8	765.6			Sandstone Fractured
11.3	763.2			Sandstone Brownish Gray
13.4	761.0			Shale Light Gray
18.0	756.5			Sand Fine Grained Gray
19.5	754.9			Shale Gray
21.9	752.5			Sand Fine Grained Gray
25.3	749.2			Shale Green
29.6	744.9			Sand Fine Grained Gray
30.5	744.0			Sandstone Gray
35.7	738.8			Sand Gray
37.5	737.0			Sand See Comments Gray
40.8	733.6			Sand Gray
42.1	732.4			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 02-051-01 W5M**

Well Number **06098**

Well Owner: **Hennig, Harvey**

Elevation (AMSL) (m): **705**

AEP: **406425**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,286.57**

Date Started: **28 Apr 95**

Northing: **5,911,274.50**

Date Completed: **01 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **9.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **26.5** to **28.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **51.8**  
 Perforated How: **Saw**  
 from (m): **41.2** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **36.6**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **27.4**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	700.1			Clay Brown
6.1	698.6			Sand & Coal
9.1	695.6			Till Sandy Brown
10.7	694.0			Sand & Coal
19.8	684.9			Shale Gray
21.6	683.1			Sandstone Clayey
22.6	682.2			Shale Gray
26.5	678.2			Shale & Coal Brown
28.7	676.1			Shale Green
32.9	671.8			Shale Gray
34.1	670.6			Shale Green
42.1	662.6			Shale Gray
44.2	660.5			Sandstone
46.3	658.4			Shale Gray
50.3	654.4			Sandstone
51.8	652.9			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 02-051-01 W5M**

Well Number **06099**

Well Owner: **Wagner, Todd**

Elevation (AMSL) (m): **710**

AEP: **364901**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,203.37**

Date Started: **03 Mar 92**

Northing: **5,911,279.00**

Date Completed: **05 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **19.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **61.0**  
 Perforated How: **Other**  
 from (m): **30.5** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **240.0**  
 Level End (m): **36.6** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	705.2	Clay Yellow
11.0	699.1	Shale Gray
13.1	696.9	Coal
14.3	695.7	Shale Gray
17.7	692.4	Coal
20.4	689.6	Shale Green
22.3	687.8	Sandstone
23.2	686.9	Shale Gray
23.5	686.6	Coal
25.6	684.4	Sandstone
26.8	683.2	Coal
28.7	681.4	Shale Gray
32.6	677.4	Sandstone
42.1	668.0	Shale Gray
50.3	659.8	Sandstone
52.1	657.9	Shale Gray
57.0	653.1	Sandstone
61.0	649.1	Sandstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-051-01 W5M**

Well Number **06100**

Well Owner: **Kulak, Garry**

Elevation (AMSL) (m): **730**

AEP: **378913**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **61,871.96**

Date Started: **29 Apr 94**

Northing: **5,912,309.00**

Date Completed: **30 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Irrigation**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **29.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **24.4** to **32.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **79.2**  
 Perforated How: **Hand Drill**  
 from (m): **33.8** to **77.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **25.6**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	729.1	Topsoil
7.0	722.7	Clay Brownish Yellow
11.3	718.5	Shale Fractured Gray
15.5	714.2	Sandstone Fine Grained
23.2	706.6	Shale Fractured Gray
25.3	704.4	Shale Light Green
28.7	701.1	Sandstone Medium Grained
29.9	699.9	Shale Dark Gray
31.1	698.7	Coal
33.8	695.9	Shale Gray
41.5	688.3	Sandstone Medium Grained
41.8	688.0	Shale Gray
42.1	687.7	Coal
42.4	687.4	Shale Gray
43.0	686.8	Coal
43.6	686.2	Shale Brown
47.9	681.9	Sandstone Coarse Grained
48.2	681.6	Coal
49.4	680.4	Shale Green
53.0	676.7	Sandstone Medium Grained
53.3	676.4	Coal
55.8	674.0	Shale Gray
58.5	671.2	Sandstone Medium Grained
59.4	670.3	Shale Green
61.3	668.5	Sandstone Medium Grained
65.2	664.5	Shale Green
66.1	663.6	Sandstone Medium Grained
67.4	662.4	Shale Green
69.8	659.9	Sandstone Coarse Grained
71.0	658.7	Shale Green
78.0	651.7	Sandstone Medium Grained
79.2	650.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-051-01 W5M**

Well Number **06101**

Well Owner: **L'Hirondelle**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354503**  
 Easting: **59,485.29**  
 Northing: **5,911,095.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **78.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-051-01 W5M**

Well Number **06102**

Well Owner: **Taylor, Larry**

Elevation (AMSL) (m): **735**

AEP: **418210**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **58,652.07**

Date Started: **29 Sep 95**

Northing: **5,911,309.50**

Date Completed: **02 Oct 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **105.2** (m)  
 NPWL (m): **43.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **74.7**  
 Perforated How: **Saw**  
 from (m): **68.6** to **105.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **105.2**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **97.5** Drawdown (m): **54.6**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	729.9	Clay Sandy Yellow
7.0	727.7	Clay Sandy Blue
14.9	719.8	Sand Silty Yellow
20.1	714.6	Clay Blue
25.3	709.4	Sandstone
46.3	688.4	Shale Gray
51.2	683.5	Shale Greenish Gray
52.7	682.0	Coal
55.2	679.6	Sandstone
60.0	674.7	Shale Gray
60.7	674.1	Coal
62.2	672.6	Sandstone
65.2	669.5	Shale Gray
68.0	666.8	Shale Green
75.6	659.2	Sandstone
83.5	651.2	Shale Green
85.6	649.1	Sandstone
88.1	646.7	Shale Green
89.6	645.1	Sandstone
90.5	644.2	Shale Green
95.7	639.0	Sandstone
98.1	636.6	Shale Green
100.3	634.5	Sandstone
101.2	633.6	Shale Green
104.5	630.2	Sandstone
105.2	629.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-051-01 W5M**

Well Number **06103**

Well Owner: **Taylor, Wayne**

Elevation (AMSL) (m): **742**

AEP: **363000**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,697.07**

Date Started: **22 Dec 91**

Northing: **5,912,813.00**

Date Completed: **22 Dec 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **21.9** to **23.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **8.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	733.8	Clay Sandy Yellow
23.8	718.6	Sand
24.4	718.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-051-01 W5M**

Well Number **06104**

Well Owner: **Green, M**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **363809**  
 Easting: **62,955.97**  
 Northing: **5,914,087.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-051-01 W5M**

Well Number **06105**

Well Owner: **Berry, Keith**

Elevation (AMSL) (m): **732**

AEP: **360253**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **61,879.74**

Date Started: **05 Jul 91**

Northing: **5,913,116.50**

Date Completed: **09 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **27.4** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	726.2	Clay Brown
27.4	704.9	Shale Gray
35.0	697.3	Sandstone
44.2	688.1	Shale Green
44.8	687.5	Coal
45.4	686.9	Shale Brown
46.6	685.7	Coal
47.9	684.5	Shale Brown
49.7	682.6	Coal
54.9	677.5	Shale Blue
59.4	672.9	Sandstone
60.0	672.3	Coal
63.1	669.2	Sandstone Gray
64.0	668.3	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-051-01 W5M**

Well Number **06106**

Well Owner: **Rebus, John**

Elevation (AMSL) (m): **708**

AEP: **376547**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,739.90**

Date Started: **17 Aug 93**

Northing: **5,913,152.00**

Date Completed: **18 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **12.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **10.7** Bottom (m): **44.8**  
 Perforated How: **Saw**  
 from (m): **10.7** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **16.8**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	704.9	Clay Yellow
6.7	701.3	Shale Brittle Green
10.7	697.3	Sandstone Brittle
11.6	696.4	Coal
13.7	694.3	Shale Green
15.5	692.4	Sandstone
16.5	691.5	Shale Brittle
17.7	690.3	Coal
18.3	689.7	Shale Green
19.5	688.5	Sandstone
20.1	687.9	Shale Green
22.3	685.7	Sandstone
23.2	684.8	Coal
27.4	680.5	Shale Green
28.7	679.3	Sandstone
30.5	677.5	Shale Green
32.9	675.1	Sandstone
39.3	668.7	Shale Brittle Gray
44.5	663.5	Sandstone
45.7	662.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 16-051-01 W5M**

Well Number **06107**

Well Owner: **Wentland, Norman**

Elevation (AMSL) (m): **748**

AEP: **350688**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,306.94**

Date Started: **14 Mar 90**

Northing: **5,915,217.50**

Date Completed: **14 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **46.9** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **18.3** Bottom (m): **46.0**  
 Perforated How: **Machine**  
 from (m): **18.3** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.1	744.7	Clay Yellow
7.6	740.2	Shale Gray
9.1	738.6	Shale Green
9.8	738.0	Coal
12.2	735.6	Shale Green
15.2	732.5	Shale Gray
18.3	729.5	Shale Sandy Gray
19.2	728.6	Shale Green
21.3	726.4	Sandstone
21.6	726.1	Shale Gray
22.6	725.2	Shale Sandy Gray
23.2	724.6	Coal
24.7	723.1	Shale Sandy Gray
29.9	717.9	Shale Gray
31.4	716.4	Shale & Coal Brown
34.4	713.3	Shale Green
36.6	711.2	Shale Sandy Gray
43.6	704.2	Sandstone
44.5	703.3	Coal
46.9	700.8	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 19-051-01 W5M**

Well Number **06108**

Well Owner: **Ottman, Harvey/Petrician, Do**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **753**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **389424**  
 Easting: **57,353.59**  
 Northing: **5,917,427.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **11 Mar 80**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1512</b>	SAR	Nickel
TDS <b>958.0</b>	TKN <b>0.01</b>	Selenium
Sodium <b>339.94</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>22.04</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>652.20</b>	Arsenic	Total Hardness <b>68.00</b>
Aluminum	Barium	Manganese
Sulphate <b>268.01</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.16</b>	Chromium	Amm. Nitrogen
Iron <b>0.21</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>535.0</b>
Silica <b>8.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 19-051-01 W5M**

Well Number **06109**

Well Owner: **Guignon, Roy**

Elevation (AMSL) (m): **755**

AEP: **369401**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,927.71**

Date Started: **01 May 93**

Northing: **5,916,591.00**

Date Completed: **06 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **76.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **43.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **57.9** to **75.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **54.9** Drawdown (m): **33.5**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.0	748.4	Clay Sandy Yellow
19.5	735.9	Clay Sandy Blue
21.6	733.8	Sand
26.2	729.2	Clay Sandy Blue
29.9	725.6	Shale Gray
42.1	713.4	Sandstone
45.4	710.0	Shale Gray
46.0	709.4	Coal
51.5	703.9	Shale Gray
51.8	703.6	Coal
56.1	699.3	Shale Gray
56.4	699.0	Coal
65.8	689.6	Shale Gray
68.6	686.8	Sandstone
69.5	685.9	Coal
71.3	684.1	Shale Gray
74.1	681.4	Shale & Coal Brown
76.2	679.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-051-01 W5M**

Well Number **06110**

Well Owner: **Bryant, Kevin**

Elevation (AMSL) (m): **756**

AEP: **351280**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,330.36**

Date Started: **03 May 90**

Northing: **5,917,200.00**

Date Completed: **04 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **35.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **49.4**  
 Perforated How: **Machine**  
 from (m): **35.7** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **41.2** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	750.8			Clay Yellow
8.5	747.1			Clay Blue
12.2	743.5			Shale Gray
16.1	739.5			Shale Green
18.6	737.1			Shale Gray
34.1	721.5			Shale Sandy Gray
34.8	720.9			Shale & Coal Brown
36.0	719.7			Shale Gray
46.6	709.0			Shale Sandy Gray
50.3	705.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-051-01 W5M**

Well Number **06111**

Well Owner: **Wentland, Ellen/Thompson, C**

Elevation (AMSL) (m): **762**

AEP: **359712**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,270.77**

Date Started: **30 Jul 91**

Northing: **5,916,985.50**

Date Completed: **31 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **53.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **20.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **52.4**  
 Perforated How: **Machine**  
 from (m): **16.8** to **52.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	755.5	Clay	Brown	
8.2	753.4	Clay	Gray	
9.1	752.5	Sand		
12.2	749.5	Clay & Sand	Gray	
15.2	746.4	Shale		
16.1	745.5	Shale	Green	
19.2	742.4	Shale	Sandy Gray	
20.4	741.2	Shale	Gray	
20.7	740.9	Shale	Sandy Gray	
22.3	739.4	Shale	Green	
37.2	724.5	Shale	Sandy Gray	
38.1	723.5	Coal		
39.0	722.6	Shale	Sandy Gray	
52.4	709.2	Shale	Green	
53.3	708.3	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 21-051-01 W5M**

Well Number **06112**

Well Owner: **Wentland, Harvey**

Elevation (AMSL) (m): **743**

AEP: **406426**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,242.02**

Date Started: **03 May 95**

Northing: **5,916,911.00**

Date Completed: **03 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **41.2** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **41.2**  
 Perforated How: **Saw**  
 from (m): **29.0** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **41.2**

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **29.9** Drawdown (m): **18.9**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	736.3			Clay Yellow
8.8	734.5			Sand & Gravel
22.6	720.8			Clay Blue
38.7	704.6			Sandstone
39.3	704.0			Coal
41.2	702.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-051-01 W5M**

Well Number **06113**

Well Owner: **Schlecker, Bill**

Elevation (AMSL) (m): **729**

AEP: **360254**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **62,932.39**

Date Started: **16 Jul 91**

Northing: **5,916,488.50**

Date Completed: **16 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **36.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **7.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **SI**  
 OD (mm): **1.5**  
 from (m): **12.2** to **36.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **300.0**  
 Level End (m): **33.5** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<u>Depth</u>	<u>Elevation</u>	
<u>(BGL)</u>	<u>(AMSL)</u>	<u>Lithologic Description</u>
<u>(m)</u>	<u>(m)</u>	
1.5	727.5	Till
6.1	722.9	Clay
9.1	719.9	Sand
27.4	701.6	Sandstone
28.4	700.7	Shale
28.7	700.4	Coal
29.9	699.1	Shale
30.5	698.5	Coal
34.1	694.9	Sandstone
36.6	692.4	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-051-01 W5M**

Well Number **06114**

Well Owner: **Schlecker, Bill**

Elevation (AMSL) (m): **725**

AEP: **360255**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **63,264.06**

Date Started: **16 Jul 91**

Northing: **5,916,121.00**

Date Completed: **16 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **24.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **6.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **SI**  
 OD (mm): **1.5**  
 from (m): **6.1** to **24.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **22.9**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
1.5	723.8	Till
6.1	719.2	Clay
22.9	702.5	Sandstone
24.4	700.9	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 23-051-01 W5M**

Well Number **06115**

Well Owner: **Schlecker, Bill**

Elevation (AMSL) (m): **725**

AEP: **360256**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **63,264.06**

Date Started: **17 Jul 91**

Northing: **5,916,121.00**

Date Completed: **17 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap**  
 from (m): to **9.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **6.1** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **6.1** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **1440.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
1.5	723.8		Till
6.1	719.2		Clay
18.3	707.0		Sandstone
22.9	702.5		Shale Green
24.4	700.9		Shale Brown
25.3	700.0		Coal
25.9	699.4		Shale Brown
27.4	697.9		Coal
33.5	691.8		Shale
41.2	684.2		Shale Gray
51.8	673.5		Sandstone Gray
54.9	670.5		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-051-01 W5M**

Well Number **06116**

Well Owner: **Schlecker, Paul**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **725**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366994**  
 Easting: **63,264.06**  
 Northing: **5,916,121.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 24-051-01 W5M**

Well Number **06117**

Well Owner: **Hollands, Emma**

Elevation (AMSL) (m): **718**

AEP: **351030**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,737.84**

Date Started: **23 Jan 90**

Northing: **5,917,002.00**

Date Completed: **24 Jan 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **131.6** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **50.6**  
 Perforated How: **Machine**  
 from (m): **30.5** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	711.9			Clay Yellow
21.3	696.7			Clay Blue
22.9	695.2			Shale Brown
32.0	686.0			Shale Gray
42.7	675.4			Sandstone
43.6	674.5			Shale Green
45.1	672.9			Shale Gray
46.3	671.7			Shale Green
50.0	668.1			Sandstone
51.5	666.5			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-051-01 W5M**

Well Number **06118**

Well Owner: **Dykes, J**

Elevation (AMSL) (m): **719**

AEP: **365987**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **66,211.03**

Date Started: **18 Jun 92**

Northing: **5,919,054.00**

Date Completed: **20 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **22.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **17.4** Bottom (m): **29.6**  
 Perforated How: **Saw**  
 from (m): **22.9** to **29.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **22.8** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	712.3			Clay Hard
13.7	705.2			Sand
17.7	701.3			Till Sandy
20.7	698.2			Shale Sandy Gray
22.9	696.1			Shale Greenish Gray
23.8	695.2			Sandstone Stringers Hard
29.0	690.0			Sandstone Fine Grained
29.9	689.1			Sandstone
31.1	687.9			Shale & Sandstone Gray
36.0	683.0			Shale Green
39.6	679.3			Shale Sandy Gray
42.1	676.9			Shale & Sandstone Gray
45.1	673.9			Sandstone
46.3	672.6			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 27-051-01 W5M**

Well Number **06119**

Well Owner: **Trautman, Elmer**

Elevation (AMSL) (m): **732**

AEP: **356117**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,951.61**

Date Started: **09 Aug 89**

Northing: **5,917,895.00**

Date Completed: **09 Aug 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **44.8**  
 Perforated How: **Machine**  
 from (m): **31.1** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	726.1	Clay Yellow
14.3	717.3	Shale Gray
16.5	715.1	Shale Sandy Gray
18.9	712.7	Shale Gray
19.8	711.8	Coal
26.8	704.8	Shale Gray
32.0	699.6	Shale Greenish Gray
34.4	697.1	Shale Sandy Gray
35.4	696.2	Shale Green
43.3	688.3	Shale Sandy Gray
45.7	685.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-29-051-01 W5M

Well Number 06120

Well Owner: **Evjen, Gary**

Elevation (AMSL) (m): **753**

AEP: **366252**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,130.05**

Date Started: **19 Aug 92**

Northing: **5,918,206.50**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **73.8** (m)  
NPWL (m): **18.0** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **25.6** Bottom (m): **25.6**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): to **25.6**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **24.4** Bottom (m): **73.8**  
Perforated How: **Saw**  
from (m): **36.6** to **70.1** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **73.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
Level End (m): **48.8** Drawdown (m): **30.8**  
Rec'd intake (m): **54.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	744.9			Clay Yellow
20.7	732.4			Clay Blue
34.1	719.0			Shale Gray
34.8	718.3			Coal
36.3	716.8			Sandstone
36.9	716.2			Coal
47.9	705.2			Sandstone
50.0	703.1			Shale Gray
51.2	701.9			Sandstone
51.8	701.3			Coal
53.0	700.1			Shale Gray
54.3	698.8			Coal
65.2	687.9			Shale Gray
70.4	682.7			Sandstone
73.8	679.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 29-051-01 W5M**

Well Number **06121**

Well Owner: **Scheopp, Lawrence**

Elevation (AMSL) (m): **740**

AEP: **350114**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,558.87**

Date Started: **05 Mar 90**

Northing: **5,917,673.50**

Date Completed: **06 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **42.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **27.4** Bottom (m): **41.5**  
 Perforated How:  
 from (m): **27.4** to **41.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.7	733.1	Clay Yellow
8.5	731.3	Clay Blue
16.8	723.1	Sand
22.9	717.0	Clay Blue
27.4	712.4	Shale Sandy Gray
42.4	697.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 29-051-01 W5M**

Well Number **06122**

Well Owner: **Evjen, Gary**

Elevation (AMSL) (m): **756**

AEP: **373897**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,598.08**

Date Started: **02 Nov 93**

Northing: **5,917,561.50**

Date Completed: **03 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.4** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **18.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **17.1** Bottom (m): **35.4**  
 Perforated How: **Saw**  
 from (m): **24.4** to **35.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **35.4**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): **25.6** Drawdown (m): **20.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	754.2	Clay Yellow
7.6	748.7	Sand
14.3	742.0	Clay Blue
31.7	724.6	Sandstone
32.3	724.0	Coal
35.4	720.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 29-051-01 W5M**

Well Number **06123**

Well Owner: **Evjen, Gary**

Elevation (AMSL) (m): **756**

AEP: **373895**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **58,598.08**

Date Started: **01 Nov 93**

Northing: **5,917,561.50**

Date Completed: **02 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **24.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.2** Bottom (m): **46.9**  
 Perforated How: **Saw**  
 from (m): **33.2** to **44.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **46.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **35.0** Drawdown (m): **27.1**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	751.4	Clay Sandy Yellow
17.1	739.2	Clay Blue
18.9	737.4	Sand
21.0	735.3	Clay Blue
27.1	729.2	Clay Yellow
33.2	723.1	Shale Green
39.0	717.3	Sandstone
40.5	715.8	Shale Gray
44.5	711.8	Sandstone
46.9	709.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-051-01 W5M**

Well Number **06124**

Well Owner: **Deshauriers, Jim/Jean**

Elevation (AMSL) (m): **742**

AEP: **356864**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,756.25**

Date Started:

Northing: **5,920,682.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 33-051-01 W5M**

Well Number **06125**

Well Owner: **Cundal, Lorne**

Elevation (AMSL) (m): **738**

AEP: **352466**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,092.93**

Date Started: **16 Oct 90**

Northing: **5,920,326.50**

Date Completed: **16 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **7.6** Bottom (m): **7.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **7.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **26.5**  
 Perforated How: **Machine**  
 from (m): **18.9** to **26.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **14.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	734.9	Clay Yellow
5.5	732.4	Clay Blue
8.2	729.7	Shale Light Gray
13.1	724.8	Shale Sandy Gray
14.0	723.9	Coal
18.3	719.6	Shale Gray
19.8	718.1	Shale Sandy Gray
24.4	713.5	Shale
26.5	711.4	Shale Greenish Gray
27.4	710.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-051-01 W5M**

Well Number **06126**

Well Owner: **Cowban, Terry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **736**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **449093**  
 Easting: **61,265.50**  
 Northing: **5,919,855.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **04 Dec 76**

pH (pH unit) <b>8.50</b>	COD	Mercury
Cond. (µS/cm) <b>1590</b>	SAR	Nickel
TDS <b>972.0</b>	TKN <b>0.02</b>	Selenium
Sodium <b>379.96</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>6.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>12.90</b>	DIC	Hydroxide
Bicarbonate <b>685.14</b>	Arsenic	Total Hardness <b>18.00</b>
Aluminum	Barium	Manganese
Sulphate <b>230.06</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>1.73</b>	Chromium	Amm. Nitrogen
Iron <b>0.38</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>583.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 34-051-01 W5M**

Well Number **06127**

Well Owner: **Zutz, Jack**

Elevation (AMSL) (m): **732**

AEP: **352465**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,873.00**

Date Started: **11 Oct 90**

Northing: **5,920,218.00**

Date Completed: **12 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **33.5** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	720.0	Clay		
15.2	716.9	Clay Blue		
19.8	712.3	Shale Light Gray		
21.3	710.8	Shale Sandy Gray		
22.9	709.3	Shale Gray		
38.1	694.1	Shale Green		
41.2	691.0	Shale Sandy Gray		
44.2	688.0	Shale Green		
47.9	684.3	Sandstone		
51.8	680.3	Shale Green		
56.4	675.8	Shale Sandy Gray		
57.3	674.9	Shale Green		
61.0	671.2	Shale Sandy Gray		
64.0	668.2	Shale Green		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-051-01 W5M**

Well Number **06128**

Well Owner: **Malner, York**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **717**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354504**  
 Easting: **65,664.99**  
 Northing: **5,920,704.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 01-051-02 W5M**

Well Number **06129**

Well Owner: **Genesee Agricultural Society**

Elevation (AMSL) (m): **731**

AEP: **357386**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,826.79**

Date Started: **14 May 91**

Northing: **5,911,129.00**

Date Completed: **15 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.2** Bottom (m): **15.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **15.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.0** Bottom (m): **39.6**  
 Perforated How: **Other**  
 from (m): **18.9** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **41.1** Time (minute): **240.0**  
 Level End (m): **24.4** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	726.3	Clay Sandy Yellow
8.8	722.7	Clay Blue
10.1	721.4	Shale & Coal
12.5	719.0	Shale Gray
14.0	717.5	Shale & Coal
18.9	712.6	Shale Green
20.4	711.1	Sandstone
21.0	710.5	Coal
24.1	707.4	Shale Green
26.5	705.0	Sandstone
30.8	700.7	Shale Green
31.4	700.1	Coal
35.4	696.1	Shale Gray
37.5	694.0	Shale & Coal Brown
39.6	691.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-051-02 W5M**

Well Number **06130**

Well Owner: **Mickelson, Oscar**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **738**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364045**  
 Easting: **51,728.93**  
 Northing: **5,911,916.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **100.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



13-08-051-02 W5M

Well Number 06131

Well Owner: **Alta Env #1507e**

Elevation (AMSL) (m): **710**

AEP: **412740**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,702.89**

Date Started:

Northing: **5,914,182.00**

Date Completed: **24 Sep 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Monitoring**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	705.3	Silt Gravelly Brown
6.1	703.4	Silt Lacustrine Dark Gray
11.3	698.3	Silt Sandy Dark Gray
12.2	697.4	Siltstone Bentonitic Green
14.0	695.5	Siltstone Bentonitic Light Gra
17.7	691.9	Sandstone Bentonitic Dark Gray
18.3	691.3	Sandstone Hard Dark Gray
18.9	690.6	Coal Brittle
19.2	690.3	Shale Carbonaceous Brownish Gr
24.4	685.2	Siltstone Bentonitic Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-051-02 W5M**

Well Number **06132**

Well Owner: **Shafer, Gil**

Elevation (AMSL) (m): **747**

AEP: **379457**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **54,828.39**

Date Started: **18 Apr 94**

Northing: **5,914,009.50**

Date Completed: **19 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **89.6** (m)  
 NPWL (m): **57.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **89.6**  
 Perforated How: **Saw**  
 from (m): **70.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **89.6**

**Testing:**

Rate (lpm): Time (minute): **180.0**  
 Level End (m): **72.8** Drawdown (m): **15.2**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	742.1	Clay Sandy Yellow
22.3	724.8	Clay Sandy Blue
27.7	719.3	Sand
32.0	715.0	Clay Blue
33.5	713.5	Sand
41.8	705.2	Shale Gray
50.0	697.0	Shale Green
53.6	693.4	Shale & Coal Brown
72.2	674.8	Shale Gray
75.0	672.0	Sandstone
78.6	668.4	Shale Gray
79.6	667.5	Shale & Coal Brown
88.4	658.6	Sandstone
89.6	657.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-051-02 W5M**

Well Number **06133**

Well Owner: **Allen Bros #493e**

Elevation (AMSL) (m): **748**

AEP: **443822**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **53,402.52**

Date Started:

Northing: **5,913,287.50**

Date Completed: **27 Aug 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	743.8	Silt Brown
13.7	734.6	Clay & Silt Lacustrine Black
15.9	732.5	Clay Sandy Black
18.3	730.0	Sand
22.3	726.1	Clay Sandy Black
24.4	723.9	Clay Black
25.0	723.3	Gravel
29.0	719.4	Sandstone Very Fine Grained Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-051-02 W5M**

Well Number **06134**

Well Owner: **Allen Bros #494e**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **748**  
 Licence No.:  
 Date Started:  
 Date Completed: **09 Apr 70**  
 AEP: **443823**  
 Easting: **53,402.52**  
 Northing: **5,913,287.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use:  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.0	744.4	Silt Lacustrine Brown
7.6	740.7	Clay Silty Black
12.8	735.5	Clay Sandy Light Brown
14.6	733.7	Clay Sandy Light Gray
17.7	730.6	Shale Brown
19.2	729.1	Sandstone Very Fine Grained Gr
19.5	728.8	Bentonite Light Gray
21.3	727.0	Sandstone Carbonaceous Dark Br
21.6	726.7	Bentonite Light Gray
25.9	722.4	Sandstone Very Fine Grained Li
28.7	719.7	Sandstone Bentonitic Light Gra
29.6	718.8	Sandstone Light Gray
30.8	717.5	Shale Bluish Green
32.6	715.7	Sandstone Carbonaceous Dark Br
41.2	707.2	Siltstone Light Gray
41.5	706.9	Shale Hard
44.8	703.5	Sandstone Very Fine Grained Li
45.7	702.6	Siltstone Carbonaceous Dark Br
50.3	698.0	Sandstone Very Fine Grained Li
52.1	696.2	Siltstone & Coal Light Gray
54.0	694.4	Sandstone Very Fine Grained Li
57.3	691.0	Siltstone Light Gray
57.6	690.7	Siltstone Bentonitic
59.4	688.9	Sandstone Very Fine Grained Li
61.0	687.4	Siltstone Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-051-02 W5M**

Well Number **06135**

Well Owner: **Kreye, Roy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **748**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Jan 64**  
 AEP: **443824**  
 Easting: **53,402.52**  
 Northing: **5,913,287.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth: **103.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
16.8	731.6	Clay
59.4	688.9	Shale
60.0	688.3	Coal
62.5	685.8	Shale
63.4	684.9	Coal
88.4	659.9	Shale
100.6	647.7	Sandstone
103.6	644.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-051-02 W5M**

Well Number **06136**

Well Owner: **McGinnis**

Elevation (AMSL) (m): **748**

AEP: **443825**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **53,403.16**

Date Started:

Northing: **5,913,278.50**

Date Completed: **01 Feb 70**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
3.1	745.1		Clay Brownish Yellow
11.3	736.9		Clay Gray
13.4	734.7		Clay Silty Gray
17.4	730.8		Clay Gray
17.7	730.5		Sand & Coal
20.1	728.0		Clay & Sand
23.2	725.0		Clay Gray
23.8	724.4		Gravel & Boulders
24.4	723.8		Bedrock
27.4	720.7		Shale Bentonitic Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-051-02 W5M**

Well Number **06137**

Well Owner: **Tyrrell, Mark**

Elevation (AMSL) (m): **755**

AEP: **399712**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,150.28**

Date Started: **11 Aug 94**

Northing: **5,914,150.00**

Date Completed: **12 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.5** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **69.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.7** Bottom (m): **105.5**  
 Perforated How: **Saw**  
 from (m): **85.3** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **105.5**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **83.8** Drawdown (m): **22.9**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	749.8	Clay Sandy Yellow
25.3	729.4	Clay Sandy Blue
28.0	726.7	Sand
29.9	724.9	Clay Sandy Blue
38.7	716.0	Shale Brittle Gray
47.6	707.2	Shale Gray
49.1	705.7	Shale & Coal Brown
60.4	694.4	Shale Gray
63.1	691.6	Shale & Coal Brown
64.9	689.8	Shale Gray
66.1	688.6	Sandstone
85.6	669.1	Shale Gray
95.4	659.3	Sandstone
97.8	656.9	Shale Green
101.8	652.9	Sandstone
105.5	649.3	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-02 W5M**

Well Number **06138**

Well Owner: **Hardman, Keith**

Elevation (AMSL) (m): **755**

AEP: **399298**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **55,232.90**

Date Started: **24 Oct 94**

Northing: **5,914,438.50**

Date Completed: **25 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **36.6** to **42.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **21.0** Drawdown (m): **3.7**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	748.6	Clay Brown
14.6	740.7	Clay Blue
26.2	729.1	Sandstone
29.0	726.4	Clay Blue
33.5	721.8	Gravel
37.2	718.2	Stones Brown
44.8	710.5	Shale Gray
45.4	709.9	Coal
48.2	707.2	Shale Gray
49.7	705.7	Sandstone Blue
51.5	703.8	Shale Gray
54.3	701.1	Sandstone Blue
54.9	700.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 13-051-02 W5M**

Well Number **06139**

Well Owner: **Rhodenizer, Ken**

Elevation (AMSL) (m): **755**

AEP: **350339**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,227.19**

Date Started: **23 Mar 90**

Northing: **5,914,429.00**

Date Completed: **23 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **39.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	749.7			Clay Yellow
25.3	729.9			Clay Sandy Blue
31.4	723.8			Sand
34.4	720.8			Shale Gray
39.0	716.2			Shale Green
51.5	703.7			Sandstone
54.9	700.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 15-051-02 W5M**

Well Number **06140**

Well Owner: **Trimble, Shawn**

Elevation (AMSL) (m): **754**

AEP: **351031**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,160.76**

Date Started: **22 Jan 90**

Northing: **5,915,661.50**

Date Completed: **24 Jan 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **106.7**  
 Perforated How: **Other**  
 from (m): **61.0** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **360.0**  
 Level End (m): **85.3** Drawdown (m): **59.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	745.4	Clay Sandy Yellow
25.6	728.0	Clay Sandy Blue
30.5	723.1	Sand
31.1	722.5	Clay Blue
33.8	719.8	Shale Gray
39.3	714.3	Shale Green
50.0	703.6	Sandstone
67.1	686.5	Shale Gray
69.2	684.4	Sandstone
75.0	678.6	Shale Gray
79.8	673.7	Shale Green
87.5	666.1	Sandstone
95.1	658.5	Shale Gray
103.6	650.0	Sandstone
106.7	646.9	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 16-051-02 W5M**

Well Number **06141**

Well Owner: **Abey, Roy**

Elevation (AMSL) (m): **751**

AEP: **396721**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,414.11**

Date Started: **17 May 94**

Northing: **5,915,321.50**

Date Completed: **18 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **24.1** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **19.2** to **20.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **14.0**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **11.9** Drawdown (m): **2.7**  
 Rec'd intake (m): **14.0** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	742.1	Clay Yellow
19.5	731.7	Clay Blue
21.6	729.6	Sand
22.9	728.4	Clay Light Gray
24.1	727.2	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-051-02 W5M**

Well Number **06142**

Well Owner: **Borsos, Joe**

Elevation (AMSL) (m): **727**

AEP: **357875**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **50,046.53**

Date Started: **21 May 91**

Northing: **5,915,792.50**

Date Completed: **22 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **34.8** to **35.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **61.0** to **89.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.9	725.9	Topsoil
5.8	721.1	Clay Yellow
20.4	706.4	Clay Blue
25.9	700.9	Sandstone Fine Grained
30.2	696.7	Shale Carbonaceous Brown
42.7	684.2	Sandstone Medium Grained
45.7	681.1	Shale Gray
50.3	676.6	Sandstone Medium Grained
56.7	670.2	Shale Gray
59.4	667.4	Sandstone Medium Grained
60.4	666.5	Coal
64.9	661.9	Shale Gray
68.6	658.3	Sandstone Medium Grained
70.1	656.8	Shale Green
71.9	654.9	Sandstone Medium Grained
73.5	653.4	Shale Green
76.8	650.0	Sandstone Medium Grained
82.6	644.3	Shale Green
84.1	642.7	Sandstone Medium Grained
86.9	640.0	Shale Green
89.3	637.6	Sandstone Medium Grained
91.4	635.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-051-02 W5M**

Well Number **06143**

Well Owner: **Borsos, Joe**

Elevation (AMSL) (m): **727**

AEP: **367212**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **50,046.53**

Date Started: **30 Sep 91**

Northing: **5,915,792.50**

Date Completed: **01 Oct 91**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **52.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **62.2** to **63.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **103.6**  
 Perforated How: **Hand Drill**  
 from (m): **67.1** to **101.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **91.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **79.2** Drawdown (m): **26.5**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
0.9	725.9		Topsoil
5.8	721.1		Clay Yellow
20.4	706.4		Clay Blue
42.7	684.2		Sandstone Medium Grained
45.7	681.1		Shale Gray
50.3	676.6		Sandstone Medium Grained
56.7	670.2		Shale Gray
59.4	667.4		Sandstone Medium Grained
60.4	666.5		Coal
70.1	656.8		Shale Greenish Gray
71.9	654.9		Sandstone Medium Grained
73.5	653.4		Shale Green
76.8	650.0		Sandstone Medium Grained
82.6	644.3		Shale Green
84.1	642.7		Sandstone Medium Grained
86.9	640.0		Shale Green
89.3	637.6		Sandstone Medium Grained
91.4	635.4		Old Well
92.4	634.5		Shale Green
94.5	632.4		Sandstone Fine Grained
99.1	627.8		Sandstone Coarse Grained
103.6	623.2		Shale Fractured Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-19-051-02 W5M

Well Number 06144

Well Owner: **Alta Env #1510e**

Elevation (AMSL) (m): **698**

AEP: **412741**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **47,890.45**

Date Started:

Northing: **5,915,886.50**

Date Completed: **26 Sep 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Monitoring**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	692.2	Till & Clay Gravelly Brown
9.8	688.5	Clay Oxidized Brown
12.2	686.1	Silt Lacustrine Gray
22.6	675.7	Silt Sandy Gray
23.5	674.8	Coal Hard
27.1	671.1	Silt Sandy Gray
30.5	667.8	Sandstone Bentonitic Gray
37.5	660.8	Sandstone Bentonitic Gray
42.7	655.6	Lost Circulation

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

02-19-051-02 W5M

Well Number 06145

Well Owner: **Alta Env #1512e**

Elevation (AMSL) (m): **698**

AEP: **412742**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **47,890.45**

Date Started:

Northing: **5,915,886.50**

Date Completed: **30 Sep 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Monitoring**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	692.2	Clay Silty Green
7.9	690.3	Till & Clay Silty Dark Gray
12.8	685.5	Silt Lacustrine Dark Gray
18.3	680.0	Sand & Silt Lacustrine
22.3	676.0	Till & Clay Gravelly
24.4	673.9	Siltstone & Coal Gray
30.5	667.8	Siltstone & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-051-02 W5M**

Well Number **06146**

Well Owner: **Palylyk, Mike**

Elevation (AMSL) (m): **732**

AEP: **381874**

Drilling Contractor: *Alken Basin Drilling Ltd.*

Licence No.:

Easting: **51,164.20**

Date Started: **29 Jun 94**

Northing: **5,917,062.50**

Date Completed: **29 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **47.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **73.2**  
 Perforated How: **Hand Drill**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **33.5**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	710.2	Clay & Rocks
22.9	708.6	Sand
45.1	686.4	Clay & Rocks
47.2	684.3	Shale Sticky
51.8	679.7	Shale Gray
53.3	678.2	Sandstone Gray
61.9	669.6	Shale Gray
63.7	667.8	Coal
64.0	667.5	Shale Gray
67.1	664.5	Shale Gray
72.2	659.3	Sandstone Gray
73.2	658.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 21-051-02 W5M**

Well Number **06147**

Well Owner: **Kulak, Delmar**

Elevation (AMSL) (m): **723**

AEP: **360017**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **50,143.38**

Date Started: **16 Sep 82**

Northing: **5,915,986.00**

Date Completed: **21 Sep 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.4** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **66.4** Bottom (m): **66.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **66.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **105.5**  
 Perforated How: **Torch**  
 from (m): **66.4** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **71.6** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	717.2	Clay Yellow
28.7	694.0	Clay Blue
31.7	691.0	Shale Sandy Gray
32.6	690.1	Shale Dark Brown
48.5	674.2	Shale Sandy Gray
49.1	673.6	Coal
50.0	672.7	Shale Sandy Gray
51.8	670.9	Shale Gray
53.0	669.7	Coal
53.6	669.1	Soapstone
59.4	663.3	Shale Sandy Gray
61.9	660.8	Shale Gray
63.7	659.0	Shale Hard Gray
64.9	657.8	Shale Sandy Gray
65.2	657.5	Coal
69.2	653.5	Shale Sandy Gray
70.1	652.6	Shale Brown
79.6	643.1	Shale Sandy Green
83.8	638.9	Sandstone
85.3	637.4	Shale Gray
87.5	635.2	Shale Sandy Gray
89.6	633.1	Shale Brittle Green
106.4	616.3	Shale Sandy Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-051-02 W5M**

Well Number **06148**

Well Owner: **Danard, Ralph**

Elevation (AMSL) (m): **754**

AEP: **352286**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,108.43**

Date Started: **05 Sep 90**

Northing: **5,916,475.50**

Date Completed: **07 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **103.6** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **31.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **61.0** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **360.0**  
 Level End (m): **85.3** Drawdown (m): **51.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

9.8	743.9	Clay Yellow
23.8	729.9	Clay Blue
24.4	729.3	Sand
28.0	725.6	Clay Blue
32.6	721.1	Shale Green
45.1	708.6	Sandstone
47.9	705.8	Shale Gray
49.4	704.3	Coal
63.7	690.0	Shale Gray
67.1	686.6	Sandstone
75.6	678.1	Shale Gray
78.3	675.4	Sandstone
79.6	674.1	Shale Gray
80.8	672.9	Shale & Coal Brown
84.7	669.0	Shale Gray
88.1	665.6	Sandstone
90.5	663.2	Shale Gray
94.8	658.9	Sandstone
96.9	656.8	Shale Gray
100.3	653.4	Sandstone
103.6	650.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 22-051-02 W5M**

Well Number **06149**

Well Owner: **Finnson, Daryl**

Elevation (AMSL) (m): **743**

AEP: **396726**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **51,634.28**

Date Started: **23 Aug 94**

Northing: **5,916,310.50**

Date Completed: **26 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.9** (m)  
 NPWL (m): **56.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **40.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.7** Bottom (m): **110.9**  
 Perforated How: **Saw**  
 from (m): **61.0** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **109.7**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **35.4**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	738.5	Clay Sandy Yellow
27.7	715.6	Clay Sandy Blue
37.5	705.9	Shale Gray
38.4	704.9	Shale & Coal Brown
41.8	701.6	Shale Gray
46.9	696.4	Sandstone
47.6	695.8	Coal
49.1	694.3	Sandstone
49.4	694.0	Coal
59.7	683.6	Shale & Coal Gray
65.2	678.1	Shale Green
69.2	674.2	Sandstone
72.8	670.5	Shale Gray
74.7	668.7	Sandstone
75.3	668.1	Shale Gray
81.4	662.0	Sandstone
83.5	659.8	Shale Green
87.8	655.6	Sandstone
92.1	651.3	Shale Green
98.8	644.6	Sandstone
102.4	640.9	Shale Green
109.1	634.2	Sandstone
110.9	632.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-051-02 W5M**

Well Number **06150**

Well Owner: **Amyotte, Mike**

Elevation (AMSL) (m): **759**

AEP: **357387**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **54,621.75**

Date Started: **15 Apr 91**

Northing: **5,916,018.00**

Date Completed: **16 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.0** (m)  
 NPWL (m): **28.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **37.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.3** Bottom (m): **60.0**  
 Perforated How: **Other**  
 from (m): **48.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **42.7** Drawdown (m): **14.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	751.7			Clay Yellow
15.9	742.9			Clay Sandy Blue
17.7	741.1			Sand
21.6	737.1			Clay Blue
23.8	735.0			Sand & Gravel
32.6	726.1			Clay Blue
39.0	719.7			Shale Green
49.4	709.4			Shale Gray
50.3	708.4			Coal
52.1	706.6			Shale Gray
57.6	701.1			Sandstone
60.0	698.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 23-051-02 W5M**

Well Number **06151**

Well Owner: **Wier, Kirt**

Elevation (AMSL) (m): **750**

AEP: **404849**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **54,667.00**

Date Started: **25 Oct 94**

Northing: **5,916,408.00**

Date Completed: **25 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **31.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **42.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.2** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **48.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **58.5**

**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **32.0** Drawdown (m): **0.3**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	741.3	Clay Sandy Yellow
11.0	738.9	Sand
15.9	734.0	Clay Blue
21.0	728.8	Sand
32.9	716.9	Clay Blue
44.5	705.4	Shale Green
48.5	701.4	Shale Gray
50.6	699.3	Sandstone
52.4	697.4	Coal
53.6	696.2	Shale Gray
55.2	694.7	Sandstone
56.4	693.5	Coal
58.5	691.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-051-02 W5M**

Well Number **06152**

Well Owner: **Young, Warren**

Elevation (AMSL) (m): **747**

AEP: **358445**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **54,376.87**

Date Started: **25 Jun 91**

Northing: **5,916,378.50**

Date Completed: **26 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **31.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **37.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **39.6** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **29.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	735.0	Clay Sandy Yellow
22.6	724.0	Clay Sandy Blue
29.3	717.3	Shale Gray
35.7	710.9	Sandstone
39.9	706.6	Shale Gray
42.1	704.5	Sandstone
44.5	702.0	Shale Gray
48.5	698.1	Sandstone
53.0	693.5	Shale Gray
54.6	692.0	Sandstone
60.4	686.2	Shale Gray
62.8	683.7	Coal
67.1	679.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-051-02 W5M**

Well Number **06153**

Well Owner: **Kotch, Dale**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361684**  
 Easting: **53,324.36**  
 Northing: **5,916,105.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **36.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-051-02 W5M**

Well Number **06154**

Well Owner: **Eatoock, Bill**

Elevation (AMSL) (m): **742**

AEP: **350689**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,774.95**

Date Started: **09 Mar 90**

Northing: **5,917,311.00**

Date Completed: **12 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **49.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **49.7** Bottom (m): **72.2**  
 Perforated How: **Machine**  
 from (m): **49.7** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	735.5			Clay Yellow
30.5	711.1			Clay Blue
34.1	707.4			Sand
43.3	698.3			Clay Blue
47.9	693.7			Shale Gray
49.7	691.9			Shale Sandy Gray
51.5	690.1			Shale Gray
52.7	688.9			Coal
53.0	688.6			Shale Gray
57.0	684.6			Sandstone
59.4	682.2			Shale Gray
67.1	674.5			Sandstone
73.2	668.4			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 25-051-02 W5M**

Well Number **06155**

Well Owner: **Davis, Don**

Elevation (AMSL) (m): **755**

AEP: **386250**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,036.43**

Date Started: **04 Aug 94**

Northing: **5,918,809.50**

Date Completed: **08 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **57.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **53.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **61.0** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **87.5**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **71.0** Drawdown (m): **14.0**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	743.7			Clay Sandy Yellow
40.8	713.8			Clay Sandy Blue
46.6	708.0			Shale Gray
47.6	707.1			Sandstone
47.9	706.8			Coal
54.3	700.4			Shale Gray
55.8	698.9			Shale & Coal Brown
60.7	694.0			Shale Gray
61.3	693.4			Shale & Coal Brown
62.8	691.8			Shale Gray
67.4	687.3			Sandstone
69.5	685.1			Shale Gray
72.8	681.8			Shale Gray
76.5	678.1			Sandstone
78.0	676.6			Shale Green
83.5	671.1			Sandstone
87.8	666.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-051-02 W5M**

Well Number **06156**

Well Owner: **Somerville, Raymond**

Elevation (AMSL) (m): **755**

AEP: **351032**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **55,036.43**

Date Started: **05 Dec 89**

Northing: **5,918,809.50**

Date Completed: **05 Dec 89**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **17.7** Drawdown (m): **11.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-051-02 W5M**

Well Number **06157**

Well Owner: **Somerville, Raymond**

Elevation (AMSL) (m): **755**

AEP: **418199**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,036.43**

Date Started: **28 Sep 95**

Northing: **5,918,809.50**

Date Completed: **29 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **84.7** (m)  
 NPWL (m): **56.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **84.7**  
 Perforated How: **Saw**  
 from (m): **67.4** to **84.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **84.7**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **75.3** Drawdown (m): **19.2**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.1	741.5	Clay Sandy Yellow
35.4	719.3	Clay Blue
37.8	716.8	Sand
39.9	714.7	Clay Blue
50.0	704.7	Shale Gray
51.2	703.4	Sandstone
54.0	700.7	Shale Brittle Gray
54.9	699.8	Coal
57.6	697.0	Sandstone
67.4	687.3	Shale Greenish Gray
68.9	685.8	Sandstone
72.5	682.1	Shale Green
83.5	671.1	Sandstone
84.7	669.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-051-02 W5M**

Well Number **06158**

Well Owner: **Leeder, Ken**

Elevation (AMSL) (m): **752**

AEP: **350340**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **54,511.96**

Date Started: **08 Feb 90**

Northing: **5,918,783.00**

Date Completed: **10 Feb 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **106.7** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **80.2** Bottom (m): **80.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **80.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **106.7**  
 Perforated How: **Other**  
 from (m): **85.3** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **73.2** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.5	735.5			Sand Silty
76.5	675.4			Clay Sandy Blue
87.5	664.4			Shale Green
88.7	663.2			Sandstone
93.6	658.3			Shale Gray
94.5	657.4			Sandstone
99.1	652.9			Shale Gray
103.6	648.3			Sandstone
106.7	645.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 26-051-02 W5M**

Well Number **06159**

Well Owner: **Leeder, Ken**

Elevation (AMSL) (m): **738**

AEP: **361088**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,767.02**

Date Started: **03 Sep 91**

Northing: **5,918,905.00**

Date Completed: **04 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **43.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **73.2**  
 Perforated How: **Other**  
 from (m): **62.5** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **54.9** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	732.5	Clay Sandy Yellow
35.4	702.7	Clay Sandy Blue
36.0	702.1	Coal
46.3	691.7	Shale Brittle Gray
53.0	685.0	Shale Gray
57.3	680.7	Shale Green
63.1	674.9	Shale Gray
64.6	673.4	Sandstone
66.1	671.9	Shale Gray
68.3	669.7	Sandstone
71.9	666.1	Shale Green
73.2	664.9	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-051-02 W5M**

Well Number **06160**

Well Owner: **Short, D**

Elevation (AMSL) (m): **738**

AEP: **366550**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **53,767.02**

Date Started: **31 Aug 92**

Northing: **5,918,905.00**

Date Completed: **03 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.6** Bottom (m): **64.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **61.6** to **64.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **62.5** Bottom (m): **80.8**  
 Perforated How: **Saw**  
 from (m): **67.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05422** Intake (m): **61.0**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **41.2**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	729.5	Silt Brown
35.4	702.7	Clay Gray
42.1	696.0	Sand
57.0	681.0	Clay & Gravel Gray
57.6	680.4	Shale Gray
63.4	674.6	Sandstone Gray
65.8	672.2	Shale Green
66.4	671.6	Sandstone Gray
68.9	669.1	Shale Green
70.7	667.3	Sandstone Gray
72.2	665.8	Shale Green
78.0	660.0	Sandstone Gray
80.8	657.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-051-02 W5M**

Well Number **06161**

Well Owner: **Coughlan, Brad**

Elevation (AMSL) (m): **743**

AEP: **364937**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,443.01**

Date Started: **15 Jun 92**

Northing: **5,917,626.00**

Date Completed: **16 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **47.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **57.3**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **54.0** Bottom (m): **86.0**  
 Perforated How: **Saw**  
 from (m): **54.0** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **53.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **53.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	736.3	Clay Yellow
14.3	728.7	Clay Blue
15.5	727.5	Sand
32.0	711.0	Clay Blue
34.1	708.9	Clay & Sand
53.3	689.7	Clay Blue
55.2	687.9	Shale & Coal Brown
56.4	686.6	Clay Blue
59.1	683.9	Shale Light Gray
61.0	682.1	Shale Sandy Gray
62.8	680.2	Shale & Coal Brown
65.8	677.2	Shale Green
71.0	672.0	Sandstone
73.8	669.3	Shale Green
74.4	668.7	Sandstone
77.7	665.3	Shale Green
80.2	662.9	Shale Sandy Gray
82.3	660.7	Shale Green
86.3	656.8	Shale Sandy Gray
86.9	656.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 26-051-02 W5M**

Well Number **06162**

Well Owner: **Frye, Christian**

Elevation (AMSL) (m): **743**

AEP: **399718**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,443.01**

Date Started: **06 Sep 94**

Northing: **5,917,626.00**

Date Completed: **08 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **53.3** Drawdown (m): **37.5**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	738.8	Sand Yellow
14.3	728.7	Clay Yellow
19.8	723.2	Clay Soft Blue
23.5	719.6	Clay & Sand Fine Grained Blue
50.9	692.1	Clay Blue
57.6	685.4	Sand Fine Grained
58.2	684.8	Clay Blue
60.7	682.4	Sand
62.5	680.6	Clay & Sand
68.6	674.5	Clay Blue
72.2	670.8	Clay Blue
73.2	669.9	Gravel
76.8	666.2	Clay & Rocks Sandy Blue
77.7	665.3	Shale Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 27-051-02 W5M**

Well Number **06163**

Well Owner: **Mactavish, Dan**

Elevation (AMSL) (m): **734**

AEP: **379460**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,101.67**

Date Started: **14 Apr 94**

Northing: **5,918,606.00**

Date Completed: **15 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **55.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **65.5** Bottom (m): **65.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **65.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **70.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **82.0**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **55.2** Drawdown (m):  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	723.5	Clay Sandy Yellow
40.5	693.3	Clay Sandy Blue
42.1	691.8	Sand
54.0	679.9	Clay Blue
59.7	674.1	Shale Gray
62.2	671.7	Sandstone
63.1	670.8	Shale & Coal Brown
72.2	661.7	Shale Green
78.9	654.9	Sandstone
82.0	651.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-02 W5M**

Well Number **06164**

Well Owner: **Hutton, Rob (Sundance Valley)**  
 Drilling Contractor: *Summers, David Drilling*

Elevation (AMSL) (m): **729**      AEP: **366226**  
 Licence No.:      Easting: **52,083.65**  
 Date Started: **30 Aug 92**      Northing: **5,917,651.50**  
 Date Completed: **08 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **91.4** (m)  
 NPWL (m): **45.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8**      Bottom (m): **48.8**  
 OD (mm): **152.4**      Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **45.7**      to **48.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **45.7**      Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **76.2**      to **91.4**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model: **Berkley 13st.**      Intake (m): **79.2**  
**Testing:**  
 Rate (lpm): **36.5**      Time (minute): **180.0**  
 Level End (m): **79.2**      Drawdown (m): **33.5**  
 Rec'd intake (m): **76.2**      Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	720.3	Silt Brown
22.9	706.5	Clay Blue
33.5	695.9	Clay Brown
42.7	686.7	Clay Silty
57.9	671.5	Shale Green
73.5	656.0	Shale Gray
86.0	643.5	Sandstone
88.1	641.3	Shale
91.4	638.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



01-29-051-02 W5M

Well Number 06166

Well Owner: **Alta Env #1304e**

Elevation (AMSL) (m): **715**

AEP: **412743**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **49,710.70**

Date Started:

Northing: **5,917,495.50**

Date Completed: **01 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	715.0			Sand Lacustrine Dark Gray
15.9	699.4			Clay Lacustrine Dark Brown
17.4	697.9			Silt Soft Dark Gray
18.3	697.0			Silt & Coal Carbonaceous
19.8	695.5			Siltstone Hard Gray
21.3	694.0			Siltstone Hard Gray
24.4	690.9			Sandstone Bentonitic Gray
29.0	686.3			Sandstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-29-051-02 W5M

Well Number 06167

Well Owner: **Alta Env #1305e**

Elevation (AMSL) (m): **693**

AEP: **412745**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,330.50**

Date Started:

Northing: **5,918,895.50**

Date Completed: **04 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	685.0	Clay Soft Gray
10.7	681.9	Sand & Gravel Coarse Grained
15.2	677.3	Silt Soft Gray
20.7	671.9	Sand & Silt Soft Gray
24.4	668.2	Silt & Coal Soft Gray
29.0	663.6	Sand & Till Soft Gray
38.1	654.5	Sand & Till Water Bearing Gray
43.6	649.0	Sand & Till Soft Gray
46.3	646.3	Gravel Preglacial
56.4	636.2	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-29-051-02 W5M

Well Number 06168

Well Owner: **Alta Env #1307e**

Elevation (AMSL) (m): **687**

AEP: **412744**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,469.32**

Date Started:

Northing: **5,917,827.00**

Date Completed: **05 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	683.6	Silt Lacustrine Brown
16.1	671.1	Sand & Gravel Brown
17.7	669.6	Silt & Rocks Gray
24.4	662.9	Silt Sandy Gray
44.2	643.1	Sand & Gravel Silty Gray
49.4	637.9	Sand & Gravel Black
53.6	633.7	Gravel
61.0	626.3	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

12-32-051-02 W5M

Well Number 06169

Well Owner: **Alta Env #1306e**

Elevation (AMSL) (m): **717**

AEP: **412746**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,327.17**

Date Started:

Northing: **5,920,037.50**

Date Completed: **04 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	715.2	Silt Lacustrine Brown
19.5	697.5	Clay Lacustrine Gray
23.2	693.8	Silt Sandy Gray
45.7	671.3	Sand Lacustrine Gray
51.2	665.8	Gravel Preglacial
66.8	650.2	Siltstone Hard Gray
68.6	648.4	Sandstone Fine Grained Gray
70.1	646.9	Shale & Siltstone Hard Gray
76.2	640.8	Sandstone Fine Grained Gray
79.2	637.7	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-051-02 W5M**

Well Number **06170**

Well Owner: **Strand, Dan**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **723**      AEP: **351033**  
 Licence No.:                              Easting: **49,100.07**  
 Date Started: **22 Oct 89**              Northing: **5,920,455.00**  
 Date Completed: **23 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **36.6**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **50.3**      Bottom (m): **50.3**  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):              to **50.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **48.2**      Bottom (m): **65.5**  
 Perforated How: **Machine**  
 from (m): **65.5**      to **59.4**      Size:  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Open Hole:**  
 from (m):              to  
**Pump: Sub**  
 Model:                              Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **18.2**                      Time (minute): **120.0**  
 Level End (m): **50.3**                  Drawdown (m): **13.7**  
 Rec'd intake (m): **54.9**                  Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
46.9	676.0	Clay Sandy
48.8	674.2	Sand Fine Grained
58.5	664.4	Shale
60.4	662.6	Shale Sandy
68.6	654.4	Shale
69.5	653.5	Sandstone
70.1	652.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:              m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**01-33-051-02 W5M**

Well Number **06171**

Well Owner: **Alta Env #1308e**

Elevation (AMSL) (m): **742**

AEP: **412747**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,409.91**

Date Started:

Northing: **5,919,140.50**

Date Completed: **06 Oct 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth: **74.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	737.2	Clay Lacustrine Brown
10.7	731.8	Silt Soft Brownish Gray
15.2	727.2	Silt Soft Dark Gray
24.4	718.0	Silt Soft Dark Gray
31.1	711.3	Silt Hard Dark Gray
31.7	710.7	Till & Gravel
38.1	704.3	Silt Hard Dark Gray
52.7	689.7	Silt Sandy Dark Gray
61.6	680.9	Sand Silty Dark Gray
65.5	676.9	Siltstone Fine Grained Gray
66.4	676.0	Sandstone Hard Gray
68.6	673.8	Shale & Siltstone Hard Gray
70.1	672.3	Sandstone Hard Gray
74.7	667.8	Shale & Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 34-051-02 W5M**

Well Number **06172**

Well Owner: **Hruschak, Henry**

Elevation (AMSL) (m): **738**

AEP: **396729**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **52,995.88**

Date Started: **09 May 94**

Northing: **5,920,558.50**

Date Completed: **10 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **57.9** to **59.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **47.2**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **31.7**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	730.1			Clay Yellow
21.3	717.0			Clay Blue
33.5	704.8			Sand & Coal
38.1	700.3			Clay Blue
45.7	692.6			Sand & Coal
48.8	689.6			Clay Blue
57.0	681.4			Sand & Coal
61.0	677.4			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 35-051-02 W5M**

Well Number **06173**

Well Owner: **Kisp, Roger**

Elevation (AMSL) (m): **734**

AEP: **359858**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **53,719.55**

Date Started: **04 Sep 91**

Northing: **5,920,346.00**

Date Completed: **06 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.5** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **65.2** Bottom (m): **65.2**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **65.2**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **64.3** Bottom (m): **80.5**  
 Perforated How: **Machine**  
 from (m): **68.3** to **80.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **63.4**

**Testing:**  
 Rate (lpm): **29.7** Time (minute): **300.0**  
 Level End (m): **63.4** Drawdown (m): **20.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	721.8	Clay & Rocks
18.3	715.7	Till See Comments
22.9	711.1	Till
24.4	709.6	Till & Rocks
29.0	705.1	Till Sandy
36.6	697.4	Sand & Coal Gray
41.2	692.9	Till
41.8	692.2	Till & Rocks
44.2	689.8	Till Sandy
50.3	683.7	Till Sandy
56.4	677.6	Till
59.4	674.6	Shale Gray
64.0	670.0	Shale Yellow
68.6	665.4	Shale Gray
70.1	663.9	Sandstone Dry
72.5	661.5	Shale Gray
74.7	659.3	Sand & Shale Gray
76.2	657.8	Shale Greenish Gray
77.4	656.6	Shale Brownish Gray
79.8	654.2	Sandstone Stringers Hard
80.5	653.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-051-02 W5M**

Well Number **06174**

Well Owner: **Clark, Perry**

Elevation (AMSL) (m): **738**

AEP: **353009**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,620.77**

Date Started: **06 Nov 90**

Northing: **5,919,541.50**

Date Completed: **07 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **55.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.3** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **67.1** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	734.0	Clay Silty Yellow
33.2	704.7	Clay Silty Blue
37.2	700.8	Sand
47.6	690.4	Clay Silty Blue
49.7	688.3	Shale Gray
51.8	686.2	Sandstone
60.4	677.6	Sandstone Green
62.2	675.8	Sandstone
68.9	669.1	Shale Gray
77.4	660.5	Shale Gray
83.2	654.8	Sandstone
85.3	652.6	Sandstone Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 35-051-02 W5M**

Well Number **06175**

Well Owner: **Crowell, Trevor**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **740**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361685**  
 Easting: **53,735.50**  
 Northing: **5,919,492.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 35-051-02 W5M**

Well Number **06176**

Well Owner: **Kipp, Roger**

Elevation (AMSL) (m): **738**

AEP: **380496**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **53,620.77**

Date Started: **08 Sep 93**

Northing: **5,919,541.50**

Date Completed: **22 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **44.2** to **46.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **300.0**  
 Level End (m): **48.8** Drawdown (m): **9.1**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	733.7	Clay Brown
9.1	728.8	Till & Clay Gray
11.0	727.0	Sand Clayey Brown
40.2	697.7	Till & Clay Gray
44.2	693.8	Shale Gray
47.2	690.7	Shale Light Green
48.8	689.2	Siltstone Gray
49.4	688.6	Limestone Light Brown
54.9	683.1	Sandstone Gray
61.0	677.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-051-02 W5M**

Well Number **06177**

Well Owner: **Schneider, Waiter**

Elevation (AMSL) (m): **738**

AEP: **355829**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,620.77**

Date Started: **14 Feb 91**

Northing: **5,919,541.50**

Date Completed: **15 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **91.4** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **53.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **52.4** Bottom (m): **91.4**  
 Perforated How: **Other**  
 from (m): **73.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jet**

Model: **Jacuzzi** Intake (m): **75.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **15.2**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	729.4			Clay Sandy Yellow
31.4	706.6			Clay Silty Blue
38.7	699.3			Sand
49.1	688.9			Clay Blue
57.0	681.0			Shale Green
63.7	674.3			Shale Gray
66.4	671.5			Sandstone
72.2	665.7			Shale Gray
78.9	659.0			Sandstone
80.2	657.8			Shale Green
87.5	650.5			Sandstone
91.4	646.5			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-051-02 W5M**

Well Number **06178**

Well Owner: **Sidwell, Wayne**

Elevation (AMSL) (m): **743**

AEP: **369449**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **53,868.95**

Date Started: **17 May 93**

Northing: **5,919,848.50**

Date Completed: **21 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **47.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **53.0** to **54.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **57.9** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05422** Intake (m): **57.9**

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **10.1**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.1	741.0	Sand Fine Grained Brown
7.0	736.1	Clay Sandy Brown
9.4	733.6	Sand Brown
38.7	704.4	Clay & Coal Gray
39.9	703.2	Sand Fine Grained Gray
44.8	698.3	Clay Gray
49.1	694.0	Shale Gray
52.7	690.4	Sandstone Coarse Grained Gray
55.2	687.9	Shale Green
56.1	687.0	Shale Gray
57.6	685.5	Siltstone Gray
58.5	684.6	Shale Green
60.0	683.0	Siltstone Green
61.9	681.2	Sandstone Coarse Grained Gray
65.2	677.9	Sandstone Coarse Grained Gray
66.4	676.6	Shale Green
67.1	676.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



---36-051-02 W5M

Well Number 06179

Well Owner: **Ball, David J.**

Elevation (AMSL) (m): **749**

AEP: **356874**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,625.04**

Date Started:

Northing: **5,920,255.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 08-051-03 W5M**

Well Number **06185**

Well Owner: **Ford, Dale**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **727**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361686**  
 Easting: **39,464.86**  
 Northing: **5,913,902.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **8.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-051-03 W5M**

Well Number **06187**

Well Owner: **Wagner, Albert**

Elevation (AMSL) (m): **738**

AEP: **366285**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **38,715.45**

Date Started: **29 Jun 92**

Northing: **5,915,419.50**

Date Completed: **29 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **43.3** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.0** Bottom (m): **43.3**  
 Perforated How: **Other**  
 from (m): **29.9** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **21.3** Drawdown (m): **9.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	732.8	Clay Yellow
7.3	730.4	Clay Blue
8.2	729.5	Coal
19.2	718.5	Clay Yellow
20.4	717.3	Coal
21.0	716.7	Clay Yellow
25.3	712.4	Coal
26.2	711.5	Shale Brown
29.9	707.8	Shale Green
41.8	696.0	Sandstone
43.3	694.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-20-051-03 W5M

Well Number 06188

Well Owner: P&E Ranch

Elevation (AMSL) (m): 742

AEP: 366581

Drilling Contractor: D&D Water Well Drilling & Services

Licence No.:

Easting: 38,681.83

Date Started: 07 Oct 92

Northing: 5,915,898.00

Date Completed: 07 Oct 92

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **36.6** (m)  
NPWL (m): **7.0** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **19.5** Bottom (m): **19.5**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentonite**  
from (m): to **19.5**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **18.3** Bottom (m): **36.6**  
Perforated How: **Saw**  
from (m): **24.4** to **36.6** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
Level End (m): **13.7** Drawdown (m): **6.7**  
Rec'd intake (m): **13.7** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	736.8	Clay Yellow
8.8	733.5	Clay Blue
14.0	728.3	Sandstone Yellow
23.8	718.6	Shale Green
30.2	712.2	Coal
32.9	709.4	Shale & Coal Brown
34.1	708.2	Shale Gray
35.7	706.7	Sandstone
36.6	705.8	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-051-03 W5M**

Well Number **06189**

Well Owner: **Abma, Diane**

Elevation (AMSL) (m): **677**

AEP: **380728**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **41,267.55**

Date Started: **20 Jul 95**

Northing: **5,916,069.50**

Date Completed: **21 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **18.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **52.7**  
 Perforated How: **Saw**  
 from (m): **30.5** to **36.6** Size:  
 from (m): **45.7** to **51.8** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **52.7**

**Testing:**

Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **40.2** Drawdown (m): **35.7**  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	671.5			Clay Sandy Yellow
8.5	668.2			Sand & Gravel
11.9	664.8			Shale Gray
12.5	664.2			Shale & Coal Brown
22.3	654.4			Shale Green
22.9	653.8			Shale Gray
23.2	653.5			Coal
28.4	648.3			Shale Gray
31.4	645.3			Shale Green
34.1	642.6			Sandstone
45.4	631.3			Shale Green
52.1	624.6			Sandstone
52.7	624.0			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 28-051-03 W5M**

Well Number **06190**

Well Owner: **Marrolyn Farm**

Elevation (AMSL) (m): **737**

AEP: **357294**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **40,271.82**

Date Started: **09 May 91**

Northing: **5,918,465.50**

Date Completed: **12 Dec 91**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **42.7** to **44.2** Size:  
 from (m): **48.8** to **54.9** Size:  
 from (m): **61.0** to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.0**  
 from (m): **58.8** to **68.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	732.4	Clay Brown
8.5	728.1	Clay Gray
13.4	723.2	Clay & Rocks Sandy Gray
14.0	722.6	Shale Gray
16.5	720.2	Shale Green
17.7	718.9	Shale Gray
18.0	718.6	Sandstone Fractured Gray
18.6	718.0	Shale Green
20.4	716.2	Shale & Sandstone Ledges Gree
21.6	715.0	Shale Gray
23.5	713.2	Sandstone & Shale Ledges Gree
24.7	711.9	Shale & Coal
29.0	707.7	Shale Gray
29.6	707.1	Sandstone Gray
34.1	702.5	Shale Gray
35.4	701.3	Sandstone Fine Grained Light G
42.1	694.6	Shale Bentonitic Gray
43.9	692.7	Sandstone Fine Grained Gray
52.1	684.5	Shale Gray
54.3	682.4	Shale & Sandstone Ledges Gray
55.2	681.5	Coal
58.5	678.1	Shale Gray
72.5	664.1	Sandstone Coarse Grained Gray
73.2	663.5	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-051-03 W5M**

Well Number **06191**

Well Owner: **Porter Farms**

Elevation (AMSL) (m): **733**

AEP: **443227**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **38,711.40**

Date Started: **26 Jun 95**

Northing: **5,918,629.50**

Date Completed: **29 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **41.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **59.4**  
 Perforated How: **Saw**  
 from (m): **33.5** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **15.1** Time (minute): **250.0**  
 Level End (m): **53.6** Drawdown (m): **11.6**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **13.7**

<b>Depth (m)</b>	<b>Elevation (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	726.7		Clay Brown
22.9	709.9		Clay Blue
29.0	703.9		Shale Gray
35.0	697.8		Shale Green
41.5	691.4		Shale Gray
43.3	689.5		Sandstone
43.6	689.2		Coal
44.5	688.3		Shale Gray
45.4	687.4		Shale Brown
49.7	683.1		Shale Green
53.0	679.8		Shale Gray
53.3	679.5		Coal
55.5	677.3		Shale Brown
59.1	673.7		Coal
59.4	673.4		Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-051-03 W5M**

Well Number **06192**

Well Owner: **Porter, Kieth/Porter Ranches**

Elevation (AMSL) (m): **742**

AEP: **365310**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **37,624.43**

Date Started: **12 Jun 92**

Northing: **5,917,594.00**

Date Completed: **12 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **79.2** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **55.8**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **55.5** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **56.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **41.1** Time (minute): **480.0**  
 Level End (m): Drawdown (m): **9.1**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **41.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	740.3	Clay
3.1	738.8	Sandstone
3.4	738.5	Coal
9.1	732.7	Shale
11.9	729.9	Sandstone Gray
15.2	726.6	Shale
16.8	725.1	Sandstone
27.4	714.4	Shale
29.0	712.9	Sandstone
45.7	696.1	Shale
50.3	691.5	Coal
56.4	685.4	Shale
64.0	677.8	Sandstone
71.6	670.2	Shale
79.2	662.6	Shale Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 31-051-03 W5M**

Well Number **06193**

Well Owner: **Semonis, Marcel**

Elevation (AMSL) (m): **741**

AEP: **404850**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **38,499.80**

Date Started: **15 Nov 94**

Northing: **5,919,463.00**

Date Completed: **15 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **70.4**  
 Perforated How: **Saw**  
 from (m): **52.1** to **70.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **70.4**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **62.2** Drawdown (m): **22.6**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	735.7	Clay Yellow
43.0	697.6	Clay Blue
50.9	689.7	Shale Green
53.0	687.6	Shale Gray
54.3	686.3	Sandstone
57.0	683.6	Shale Gray
57.6	683.0	Shale & Coal Brown
69.5	671.1	Sandstone
70.4	670.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 33-051-03 W5M**

Well Number **06194**

Well Owner: **Engelhardt, Delmar**

Elevation (AMSL) (m): **749**

AEP: **363001**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **40,278.96**

Date Started: **30 Dec 91**

Northing: **5,920,268.50**

Date Completed: **02 Jan 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **97.5** (m)  
 NPWL (m): **64.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.6** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **76.2** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): **85.3** Drawdown (m): **20.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.4	745.8	Clay Sandy Yellow
6.7	742.4	Sandstone Yellow
9.1	740.0	Coal
13.1	736.0	Sandstone Yellow
13.7	735.4	Coal
20.4	728.7	Sandstone
21.0	728.1	Coal
35.7	713.4	Shale Gray
75.6	673.5	Shale Greenish Gray
76.5	672.6	Sandstone
77.7	671.4	Coal
78.6	670.5	Shale Gray
86.6	662.5	Sandstone
87.2	661.9	Shale & Coal Brown
94.2	654.9	Sandstone
94.8	654.3	Shale & Coal Brown
97.5	651.6	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 34-051-03 W5M**

Well Number **06195**

Well Owner: **Wagner, Ida**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **720**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **418426**  
 Easting: **42,289.77**  
 Northing: **5,919,634.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Nov 80**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>1301</b>	SAR	Nickel
TDS <b>745.0</b>	TKN	Selenium
Sodium <b>243.11</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>15.03</b>	TN	Vanadium
Magnesium <b>4.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>751.03</b>	Arsenic	Total Hardness <b>58.00</b>
Aluminum	Barium	Manganese
Sulphate <b>109.03</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.81</b>
Fluoride <b>0.10</b>	Chromium	Amm. Nitrogen
Iron <b>3.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>616.0</b>
Silica <b>12.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**13-35-051-03 W5M**

Well Number **06196**

Well Owner: **Alta Env #1188e**

Elevation (AMSL) (m): **720**

AEP: **412749**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **43,616.20**

Date Started:

Northing: **5,920,446.50**

Date Completed: **29 May 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	716.6	Sand & Till Soft Brownish Gray
6.1	713.6	Silt Soft Brown
7.3	712.4	Sand & Till Soft Brownish Gray
19.5	700.2	Silt Soft Gray
23.8	695.9	Silt Sandy Gray
28.4	691.3	Siltstone Hard Dark Gray
29.0	690.7	Siltstone Soft Dark Gray
31.7	688.0	Siltstone & Coal Hard Dark Gra
32.9	686.7	Siltstone & Sandstone Soft Gra
38.1	681.6	Sandstone Hard Gray
40.5	679.1	Sandstone Hard Gray
40.8	678.8	Coal
42.1	677.6	Siltstone & Sandstone Hard
47.2	672.4	Siltstone Hard Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-051-03 W5M**

Well Number **06197**

Well Owner: **Kaiser, Walter**

Elevation (AMSL) (m): **686**

AEP: **374028**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **45,006.23**

Date Started: **14 Aug 93**

Northing: **5,919,397.00**

Date Completed: **16 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **32.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): **2.7** to **42.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.8** Bottom (m): **70.4**  
 Perforated How: **Saw**  
 from (m): **50.3** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **70.4**  
**Testing:**  
 Rate (lpm): **41.1** Time (minute): **240.0**  
 Level End (m): **46.0** Drawdown (m): **13.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	680.2	Clay Yellow
23.8	661.9	Clay Blue
26.2	659.5	Sand & Gravel
32.6	653.1	Clay Blue
35.7	650.1	Shale Brittle Gray
39.0	646.7	Sandstone
50.3	635.4	Shale Green
52.1	633.6	Sandstone
57.6	628.1	Shale Gray
58.8	626.9	Sandstone
64.6	621.1	Shale Gray
67.4	618.4	Sandstone
70.4	615.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**08-36-051-03 W5M**

Well Number **06198**

Well Owner: **Alta Env #1303e**

Elevation (AMSL) (m): **668**

AEP: **412750**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **46,648.71**

Date Started:

Northing: **5,919,442.50**

Date Completed: **30 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **65.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	660.7			Clay Soft Dark Brown
17.1	651.2			Silt Hard Gray
20.4	647.9			Sandstone Gray
21.0	647.3			Shale & Coal Hard Black
24.4	643.9			Silt Hard Dark Gray
34.1	634.2			Silt Sandy Dark Gray
51.2	617.1			Sand & Coal Silty
62.5	605.8			Siltstone Hard Gray
64.6	603.7			Sandstone Bentonitic Gray
65.5	602.8			Siltstone Hard Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 01-051-04 W5M**

Well Number **06199**

Well Owner: **Vissia, Mike**

Elevation (AMSL) (m): **732**

AEP: **443228**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **35,377.07**

Date Started: **17 Jun 94**

Northing: **5,911,284.00**

Date Completed: **20 Apr 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **17.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.9** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **21.3** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **48.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	729.9	Clay
8.5	723.8	Shale Soft
11.6	720.8	Sandstone Lost Circulation
18.9	713.5	Shale Gray
20.7	711.6	Sandstone
27.4	704.9	Shale
27.7	704.6	Coal
29.9	702.5	Shale Brown
30.2	702.2	Coal
30.8	701.6	Shale Brown
31.1	701.3	Coal
43.3	689.1	Shale Gray
47.2	685.1	Sandstone
55.8	676.6	Shale Gray
64.0	668.4	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-06-051-04 W5M

Well Number 06200

Well Owner: **Eagle Res Ltd**

Elevation (AMSL) (m): **750**

AEP: **369693**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **28,091.35**

Date Started: **13 Jul 93**

Northing: **5,910,842.00**

Date Completed: **13 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **48.8** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Tait** Intake (m): **42.7**

**Testing:**

Rate (lpm): **159.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **17.4**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **136.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.8	739.9	Clay
25.9	723.8	Sandstone Mixed
31.7	718.0	Sandstone White
33.5	716.1	Shale Blue
36.6	713.1	Sandstone
48.8	700.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 14-051-04 W5M**

Well Number **06201**

Well Owner: **Zach, Conrad**

Elevation (AMSL) (m): **766**

AEP: **365311**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **35,195.71**

Date Started: **05 Jun 92**

Northing: **5,915,029.00**

Date Completed: **08 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **79.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **51.8**  
 Perforated How: **Saw**  
 from (m): **38.1** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Myers** Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **15.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **63.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	759.8	Clay Brown
14.6	751.3	Clay Blue
16.5	749.5	Sandstone
20.1	745.8	Shale
23.8	742.1	Sandstone
28.0	737.9	Clay Blue
29.3	736.7	Sandstone
31.7	734.2	Clay Blue
33.5	732.4	Sand Gray
35.0	730.9	Clay Blue
38.1	727.8	Shale
46.9	719.0	Sandstone
52.4	713.5	Shale Dry
60.4	705.6	Coal Dry
62.2	703.7	Shale Dry
63.7	702.2	Sandstone Dry
64.0	701.9	Coal Dry
65.2	700.7	Shale Dry
66.1	699.8	Sandstone Dry
79.2	686.7	Shale Dry

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-16-051-04 W5M

Well Number 06202

Well Owner: **Alta Env #1506e**

Elevation (AMSL) (m): **778**

AEP: **412751**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **31,902.56**

Date Started:

Northing: **5,914,034.77**

Date Completed: **22 Sep 75**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Monitoring**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	771.4	Clay Sandy Brown
12.2	765.3	Clay & Coal Sandy Brown
18.3	759.2	Sand Lost Circulation
19.5	758.0	Clay Sandy Dark Gray
24.4	753.1	Sand Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 23-051-04 W5M**

Well Number **06203**

Well Owner: **Ewashko, Betty**

Elevation (AMSL) (m): **764**

AEP: **364938**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **35,207.29**

Date Started: **22 May 92**

Northing: **5,915,963.50**

Date Completed: **25 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **31.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **44.8**  
 Perforated How: **Saw**  
 from (m): **28.4** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	758.1	Clay Yellow
11.9	752.3	Shale & Coal Brown
15.9	748.3	Coal
21.3	742.8	Shale Gray
24.4	739.8	Shale Sandy Gray
27.4	736.7	Shale Gray
28.0	736.1	Sandstone
29.6	734.6	Shale Sandy Yellow
45.7	718.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 23-051-04 W5M**

Well Number **06204**

Well Owner: **Ewashko, John**

Elevation (AMSL) (m): **764**

AEP: **369752**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **35,207.29**

Date Started: **16 Oct 74**

Northing: **5,915,963.50**

Date Completed: **16 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **25.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **22.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **21.3** to **22.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): **18.3** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	757.5	Clay Yellow
20.1	744.1	Clay Blue
23.2	741.0	Sand
25.3	738.9	Clay Blue
25.9	738.3	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-051-04 W5M**

Well Number **06205**

Well Owner: **Dunkeld Ranches/Elliot, Jim**

Elevation (AMSL) (m): **751**

AEP: **399719**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **28,696.48**

Date Started: **22 Sep 92**

Northing: **5,919,278.50**

Date Completed: **22 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **118.9** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **35.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **118.0**  
 Perforated How: **Saw**  
 from (m): **31.1** to **118.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **21.3**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	742.6	Clay Yellow
17.7	732.8	Shale Green
24.7	725.8	Shale Greenish Gray
25.9	724.6	Sandstone
49.7	700.8	Sand & Shale Gray
61.0	689.6	Shale Brittle Gray
63.7	686.8	Shale Sandy Gray
72.5	678.0	Shale Brittle Green
74.7	675.8	Shale & Coal Brown
79.2	671.3	Shale Brittle Greenish Gray
80.8	669.7	Shale Sandy Gray
97.5	653.0	Shale Brittle
102.7	647.8	Shale Brittle
107.3	643.2	Sandstone
115.2	635.3	Coal
118.9	631.6	Shale Brittle Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-051-04 W5M**

Well Number **06206**

Well Owner: **Transalta Utilities Th#6**

Elevation (AMSL) (m): **833**

AEP: **365595**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,736.70**

Date Started: **15 Jul 92**

Northing: **5,919,224.50**

Date Completed: **17 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **109.7** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **33.5**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **109.7**  
 Perforated How: **Saw**  
 from (m): **30.5** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **43.6** Drawdown (m): **7.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	830.4	Clay Yellow
6.1	827.4	Shale Gray
6.7	826.8	Sandstone
10.7	822.8	Shale Green
12.2	821.3	Shale Sandy Gray
16.8	816.7	Shale Green
29.0	804.5	Shale Sandy Gray
29.9	803.6	Shale Greenish Gray
33.5	799.9	Shale Sandy Gray
37.5	796.0	Shale Greenish Gray
45.1	788.4	Shale Sandy Gray
47.2	786.2	Shale & Coal Brown
64.9	768.6	Shale Green
66.1	767.3	Shale & Coal Brown
69.5	764.0	Shale Greenish Gray
71.0	762.5	Shale & Coal Brown
88.4	745.1	Shale Greenish Gray
89.9	743.6	Sandstone
93.9	739.6	Shale Greenish Gray
105.8	727.7	Shale & Coal Brown
106.4	727.1	Shale Green
107.6	725.9	Shale Sandy Gray
109.7	723.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-051-04 W5M**

Well Number **06207**

Well Owner: **Moger, Evelyn**

Elevation (AMSL) (m): **769**

AEP: **351034**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **33,777.83**

Date Started: **15 Sep 89**

Northing: **5,919,676.00**

Date Completed: **15 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **57.3** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.9** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **28.0** to **46.3** Size:  
 from (m): **52.4** to **57.3** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **18.3**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	757.4	Clay
13.4	755.6	Shale Sandy Green
15.5	753.5	Shale Gray
16.5	752.6	Shale Sandy Gray
18.9	750.1	Shale Gray
19.8	749.2	Sand Gray
20.4	748.6	Shale Gray
22.6	746.5	Sand Gray
23.2	745.9	Sandstone Gray
32.3	736.7	Shale Sandy Gray
40.2	728.8	Sand Coarse Grained
41.5	727.6	Shale Gray
45.1	723.9	Sand Fine Grained Gray
46.3	722.7	Shale Gray
53.6	715.4	Coal
55.2	713.8	Shale Brown
57.3	711.7	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-051-04 W5M**

Well Number **06208**

Well Owner: **Moger, Ken**

Elevation (AMSL) (m): **769**

AEP: **415464**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **33,777.83**

Date Started: **15 Aug 95**

Northing: **5,919,676.00**

Date Completed: **15 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.7** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **38.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **59.7**  
 Perforated How: **Saw**  
 from (m): **38.4** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Ay Mcdonald** Intake (m): **50.3**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **15.9**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.8	763.2		Clay Yellow
	10.7	758.3		Clay Blue
	16.1	752.9		Shale Green
	18.3	750.7		Shale Sandy Gray
	18.6	750.4		Sandstone
	20.1	748.9		Shale Sandy Gray
	20.4	748.6		Sandstone
	23.8	745.2		Shale Sandy Gray
	24.1	744.9		Sandstone
	29.3	739.8		Shale Sandy Gray
	29.9	739.1		Sandstone
	38.4	730.6		Shale Sandy Gray
	45.1	723.9		Shale Dark Gray
	56.4	712.6		Shale & Coal Brown
	60.7	708.4		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 35-051-04 W5M**

Well Number **06209**

Well Owner: **Moger, Ken #1**

Elevation (AMSL) (m): **789**

AEP: **415451**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **34,123.34**

Date Started: **27 Jul 95**

Northing: **5,919,105.53**

Date Completed: **04 Aug 95**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **127.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 04 Aug 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	781.9	Clay Yellow
10.7	777.9	Clay Blue
14.9	773.7	Shale Sandy Green
15.5	773.1	Shale Gray
17.1	771.5	Shale Hard Gray
17.7	770.9	Shale Gray
18.3	770.3	Shale Sandy Gray
19.8	768.8	Shale Brittle Green
20.1	768.5	Sandstone
22.9	765.8	Shale Sandy Gray
23.5	765.1	Sandstone
41.8	746.9	Shale Sandy Gray
45.7	742.9	Shale Brown
47.2	741.4	Shale Sandy Gray
59.7	728.9	Shale & Coal Brown
62.2	726.4	Shale Sandy Gray
63.4	725.2	Shale Green
66.8	721.9	Shale Sandy Gray
90.2	698.4	Shale Brittle Green
96.3	692.3	Shale Sandy Gray
97.8	690.8	Shale Green
99.7	689.0	Shale Sandy Gray
110.3	678.3	Shale Dark Gray
110.9	677.7	Shale & Coal Brown
114.3	674.3	Shale Gray
124.4	664.3	Shale Sandy Gray
127.7	660.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadmium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 35-051-04 W5M**

Well Number **06210**

Well Owner: **Moger, Ken #2**

Elevation (AMSL) (m): **789**

AEP: **415455**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **34,123.34**

Date Started: **04 Aug 95**

Northing: **5,919,105.53**

Date Completed: **08 Aug 95**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 08 Aug 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	781.9	Clay Yellow
12.2	776.4	Clay Blue
13.1	775.5	Shale & Coal Brown
14.0	774.6	Shale Dark Gray
15.2	773.4	Shale Sandy Gray
16.1	772.5	Shale Gray
17.4	771.2	Shale Green
22.6	766.1	Shale Sandy Gray
23.2	765.5	Shale Green
25.3	763.3	Shale Sandy Gray
26.2	762.4	Sandstone
27.4	761.2	Shale Sandy Gray
38.7	749.9	Shale Sandy Gray
40.8	747.8	Shale Gray
41.8	746.9	Shale Sandy Gray
43.6	745.0	Shale Brittle
45.1	743.5	Shale Gray
46.0	742.6	Shale Green
46.6	742.0	Shale Brown
57.0	731.6	Shale & Coal Brown
59.4	729.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 35-051-04 W5M**

Well Number **06211**

Well Owner: **Moger, Ken #3**

Elevation (AMSL) (m): **789**

AEP: **415460**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **34,123.34**

Date Started: **08 Aug 95**

Northing: **5,919,105.53**

Date Completed: **14 Aug 95**

**General:**  
 Type of Work: **Dry Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 14 Aug 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	781.0	Clay Yellow
12.8	775.8	Clay Brown
16.1	772.5	Shale Dark Gray
17.7	770.9	Shale Sandy Gray
21.0	767.6	Shale Green
39.3	749.3	Shale Sandy Gray
41.8	746.9	Shale Gray
43.9	744.7	Shale Sandy Gray
44.8	743.8	Shale Brittle Gray
46.0	742.6	Shale Sandy Gray
46.9	741.7	Shale Brittle Gray
47.6	741.1	Shale Green
58.8	729.8	Shale & Coal Brown
60.0	728.6	Shale Gray
61.3	727.4	Shale Sandy Gray
61.6	727.0	Shale Hard Green
64.6	724.0	Shale Sandy Gray
65.8	722.8	Shale Green
73.2	715.5	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 01-051-05 W5M**

Well Number **06212**

Well Owner: **Tomahawk General Store**

Elevation (AMSL) (m): **745**

AEP: **390871**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **26,008.79**

Date Started: **02 May 78**

Northing: **5,912,030.50**

Date Completed: **03 May 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **27.4**  
 Perforated How: **Torch**  
 from (m): **23.2** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.4	735.6			Clay
19.2	725.8			Shale
21.0	724.0			Sandstone
25.3	719.7			Shale
26.5	718.5			Shale Water Bearing
27.4	717.6			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 09-051-05 W5M**

Well Number **06213**

Well Owner: **Strocher, Adlof**

Elevation (AMSL) (m): **767**

AEP: **365119**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **20,643.73**

Date Started: **08 Mar 92**

Northing: **5,912,423.00**

Date Completed: **08 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.0** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **39.0**  
 Perforated How: **Machine**  
 from (m): **26.8** to **39.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **23.5**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **7.0**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	766.7	Clay Sandy Brown
3.7	763.7	Sand Brown
13.1	754.2	Shale Brown
14.9	752.4	Sand & Sandstone Brown
20.7	746.6	Shale Gray
23.5	743.9	Sand & Sandstone Gray
25.3	742.0	Shale Green
28.7	738.7	Shale Gray
29.0	738.4	Coal
33.2	734.1	Shale Gray
35.7	731.7	Shale Green
38.4	728.9	Sand & Sandstone Gray
39.0	728.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-051-05 W5M**

Well Number **06214**

Well Owner: **Shepel, Jerry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356875**  
 Easting: **18,908.90**  
 Northing: **5,915,454.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **15.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-051-05 W5M**

Well Number **06215**

Well Owner: **Berry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367630**  
 Easting: **17,468.77**  
 Northing: **5,915,833.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

12-20-051-05 W5M

Well Number 06216

Well Owner: Arc Th#55-74, 375

Elevation (AMSL) (m): 779

AEP: 368712

Licence No.:

Easting: 19,240.16

Drilling Contractor: Unknown Driller

Date Started:

Northing: 5,916,384.85

Date Completed: 12 Aug 74

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth **149.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
4.6	774.6	Clay Brown
6.1	773.0	Shale Laminated Green
7.6	771.5	Shale & Sandstone Medium Grain
9.1	770.0	Sandstone Medium Grained Gray
10.7	768.5	Sandstone Medium Grained Dark
12.2	767.0	Shale Laminated Greenish Gray
18.3	760.9	Sandstone Gray Salt & Pepper
21.3	757.8	Shale Greenish Gray
22.9	756.3	Shale Hard Greenish Gray
25.9	753.2	Sandstone Gray Salt & Pepper
27.4	751.7	Shale Laminated Gray
30.5	748.7	Shale Laminated Dark Gray
32.0	747.1	Shale Calcareous Gray
33.5	745.6	Siltstone Green
35.0	744.1	Shale Laminated Dark Gray
36.6	742.6	Sandstone Fine Grained Dark Gr
38.1	741.0	Shale Greenish Gray
39.6	739.5	Sandstone Fine Grained Greenis
41.2	738.0	Siltstone Gray
42.7	736.5	Shale Green
44.2	735.0	Sandstone Fine Grained Green
45.7	733.4	Shale Green
47.2	731.9	Shale Dark Green
48.8	730.4	Shale Hard Gray
50.3	728.9	Shale Hard Dark Green
51.8	727.3	Shale Silty Gray
53.3	725.8	Shale Green
54.9	724.3	Sandstone Fine Grained Greenis
64.0	715.1	Shale Green
65.5	713.6	Sandstone Fine Grained Dark Gr
71.6	707.5	Sandstone Soft Light Gray
76.2	702.9	Sandstone Hard Gray Salt & Pep
80.8	698.4	Shale Carbonaceous Light Gray
82.3	696.9	Shale Carbonaceous Brown
83.8	695.3	Siltstone Green
86.9	690.8	Sandstone Carbonaceous Brownis
88.4	690.8	Shale Silty Gray
89.9	689.2	Sandstone Very Fine Grained Da
91.4	687.7	Shale Carbonaceous Brown
96.0	683.1	Shale Dark Gray
97.5	681.6	Shale Silty Dark Gray
99.1	680.1	Sandstone Argillaceous Gray
100.6	680.1	Shale Silty Dark Gray
105.2	674.0	Shale & Sandstone Silty Dark G
112.8	666.4	Coal
114.3	664.9	Shale Silty Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NW 27-051-05 W5M**

Well Number **06217**

Well Owner: **Joneson, Walter**

Elevation (AMSL) (m): **786**

AEP: **351035**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,758.08**

Date Started: **05 Dec 89**

Northing: **5,918,142.00**

Date Completed: **05 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.1** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.2** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **39.0** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **5.5**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>(BGL) (AMSL)</b>	<b>(m) (m)</b>	<b>Lithologic Description</b>
1.8	784.2			Clay Brown
6.4	779.6			Shale Brown
10.4	775.6			Sand Brown
18.9	767.1			Shale Gray
22.6	763.5			Shale Sandy Brown
29.6	756.4			Shale Green
31.4	754.6			Sand Gray
32.6	753.4			Shale Gray
35.4	750.6			Shale & Coal
36.9	749.1			Shale & Sandstone
38.4	747.6			Shale Gray
40.2	745.8			Shale Sandy Brown
42.7	743.3			Sand Coarse Grained Gray
43.9	742.1			Sand Gray
45.1	740.9			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-051-05 W5M**

Well Number **06218**

Well Owner: **L-Fox, Maurice**

Elevation (AMSL) (m): **789**

AEP: **357876**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,662.74**

Date Started: **15 May 91**

Northing: **5,917,368.00**

Date Completed: **15 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **39.0** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.6** Bottom (m): **39.0**  
 Perforated How: **Machine**  
 from (m): **33.5** to **39.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **6.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	787.1	Clay Brown
7.3	781.6	Shale Brown
7.9	781.0	Sand Brown
9.8	779.1	Shale Brown
16.5	772.4	Shale Sandy Brown
20.7	768.2	Shale Gray
25.0	763.9	Sand Gray
29.6	759.3	Shale Gray
33.8	755.1	Shale Green
34.4	754.4	Shale & Coal Gray
39.0	749.9	Sandstone Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-29-051-05 W5M

Well Number 06219

Well Owner: **Murphy Oil#Rig Well Sedco 12**

Elevation (AMSL) (m): **781**

AEP: **378904**

Drilling Contractor: *Alken Basin Drilling Ltd.*

Licence No.:

Easting: **20,000.46**

Date Started: **25 Feb 94**

Northing: **5,917,254.00**

Date Completed: **25 Feb 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **48.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment: **Unknown** **26 Mar 94**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **12.2** to **18.3** Size:  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grunfos** Intake (m):

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **42.7**  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm): **159.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	776.4	Clay
9.1	771.8	Shale Gray
10.4	770.6	Sandstone Gray
14.6	766.3	Shale Gray
17.4	763.6	Sandstone Gray
25.0	755.9	Shale Gray
26.8	754.1	Sandstone Gray
33.8	747.1	Shale Gray
44.8	736.1	Sandstone Gray
48.8	732.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 31-051-05 W5M**

Well Number **06220**

Well Owner: **Wolodko, Ed/Lorna**

Elevation (AMSL) (m): **814**

AEP: **364823**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **18,498.03**

Date Started: **12 Nov 92**

Northing: **5,919,497.50**

Date Completed: **12 Nov 92**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **54.6** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **5.8** Bottom (m): **5.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **36.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **3.1** Bottom (m): **53.3**  
 Perforated How: **Machine**  
 from (m): **44.2** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **43.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **43.6** Drawdown (m): **16.1**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
33.5	780.6			Old Well
33.8	780.3			Shale Gray
34.8	779.4			Sand & Shale Brown
38.7	775.4			Shale Green
39.9	774.2			Shale Sandy Gray
45.1	769.0			Shale Gray
47.9	766.3			Sand Gray
49.4	764.8			Sandstone Gray
54.6	759.6			Sand & Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 31-051-05 W5M**

Well Number **06221**

Well Owner: **Wolodko, Peter**

Elevation (AMSL) (m): **814**

AEP: **366978**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **18,498.03**

Date Started: **13 Sep 86**

Northing: **5,919,497.50**

Date Completed: **13 Sep 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **33.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **5.8** Bottom (m): **5.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **5.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **3.1** Bottom (m): **33.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	813.2	Sand & Gravel
4.9	809.3	Clay Silty
5.2	809.0	Shale Brown
9.8	804.4	Shale Green
18.0	796.2	Sand & Sandstone Brown
22.9	791.3	Shale Gray
25.0	789.1	Sand & Sandstone Gray
29.3	784.9	Shale Gray
31.1	783.0	Sandstone Gray
32.3	781.8	Shale Gray
33.2	780.9	Sandstone Gray
33.5	780.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 31-051-05 W5M**

Well Number **06222**

Well Owner: **Wolodko, Peter**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **814**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368629**  
 Easting: **18,498.03**  
 Northing: **5,919,497.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): **6.1** to **7.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 31-051-05 W5M**

Well Number **06223**

Well Owner: **Troudt, Larry/Yekimchuk, Ros**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **801**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356876**  
 Easting: **18,027.49**  
 Northing: **5,919,218.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-051-05 W5M**

Well Number **06224**

Well Owner: **Androschuk, Saganiuk**

Elevation (AMSL) (m): **808**

AEP: **352519**

Licence No.:

Easting: **19,161.95**

Drilling Contractor: *Terry'S Water Wells (1980) Ltd.*

Date Started: **09 Oct 90**

Northing: **5,919,313.00**

Date Completed: **10 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **50.3**  
 Perforated How: **Saw**  
 from (m): **44.2** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **25.3**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	805.7	Clay
3.1	805.1	Sand
3.4	804.8	Clay Sandy
6.7	801.4	Sandstone Brown
7.3	800.8	Sandstone Blue
9.4	798.7	Sandstone Soft Brown
10.1	798.1	Shale Blue
10.7	797.5	Sandstone Blue
13.1	795.0	Shale Blue
15.2	792.9	Sandstone Soft Brown
17.7	790.5	Sandstone Soft Blue
19.2	788.9	Shale Blue
21.6	786.5	Sandstone Blue
24.7	783.4	Shale Blue
25.3	782.8	Sandstone Gray
26.2	781.9	Shale Blue
28.0	780.1	Sandstone Blue
32.0	776.1	Shale Blue
32.3	775.8	Sandstone Gray
34.8	773.4	Shale Blue
35.4	772.8	Sandstone Gray
37.2	771.0	Shale Blue
38.1	770.0	Sandstone Blue
43.0	765.2	Shale Blue
43.6	764.6	Sandstone Blue
46.3	761.8	Shale Blue
50.0	758.2	Sandstone Blue
50.3	757.8	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 03-051-06 W5M**

Well Number **06225**

Well Owner: **Jabs, Randy**

Elevation (AMSL) (m): **780**

AEP: **407500**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **12,830.62**

Date Started: **29 Jun 95**

Northing: **5,910,974.00**

Date Completed: **29 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **36.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.7** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **39.0** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **41.2** Drawdown (m): **4.9**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.8	774.2	Clay Brown
7.6	772.4	Clay Sandy Gray
7.9	772.1	Shale Green
9.1	770.9	Shale Sandy Gray
10.1	769.9	Shale Dark Gray
11.3	768.7	Sand & Sandstone
12.2	767.8	Shale Dark Gray
15.5	764.5	Sand & Sandstone Gray
18.0	762.0	Shale Gray
19.8	760.2	Shale Green
21.0	759.0	Shale Sandy Gray
21.9	758.1	Shale Bentonitic
23.2	756.8	Shale & Sandstone Gray
25.9	754.1	Shale Green
26.5	753.5	Sandstone Dark Gray
26.8	753.2	Shale Gray
27.4	752.6	Sandstone Gray
29.6	750.4	Shale Green
31.1	748.9	Shale Sandy Gray
35.4	744.6	Shale Gray
36.9	743.1	Shale Sandy Gray
44.5	735.5	Sand Gray
47.9	732.2	Sand & Sandstone Coarse Graine
51.2	728.8	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-051-06 W5M**

Well Number **06226**

Well Owner: **Marcia, Ken**

Elevation (AMSL) (m): **786**

AEP: **351986**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,374.57**

Date Started: **15 Aug 90**

Northing: **5,911,178.00**

Date Completed: **15 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.0** (m)  
 NPWL (m): **44.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **57.0**  
 Perforated How: **Machine**  
 from (m): **46.6** to **57.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **4.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.9	771.1	Clay Gray
16.1	769.9	Shale Green
19.2	766.8	Shale Gray
19.8	766.2	Sandstone Gray
21.0	765.0	Sand Fine Grained Gray
21.6	764.4	Shale Gray
22.9	763.1	Shale Sandy Gray
25.6	760.4	Shale Gray
26.5	759.5	Shale Sandy Gray
30.5	755.5	Shale Gray
32.9	753.1	Shale & Sandstone
35.7	750.3	Shale Bentonitic Light Gray
38.4	747.6	Shale Green
41.8	744.2	Sandstone Gray
43.9	742.1	Shale Gray
46.3	739.7	Shale Sandy Gray
49.7	736.3	Sandstone Fine Grained Gray
53.0	733.0	Sand Light Gray
53.6	732.4	Sandstone Gray
56.4	729.6	Sand Coarse Grained Gray
57.0	729.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-06-051-06 W5M

Well Number 06227

Well Owner: **Talisman Energy Inc #Camp Supp**

Elevation (AMSL) (m): **788**

AEP: **400485**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,464.57**

Date Started: **11 Dec 93**

Northing: **5,910,788.50**

Date Completed: **11 Dec 93**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **26.8** (m)  
NPWL (m): **14.3** Verified NPWL (m):  
Abandonment: **Unknown** **08 Jan 94**

**Casing:**

Type: **Steel**  
Depth (m): **17.4** Bottom (m): **17.4**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **17.4**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **18.3**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
Level End (m): **18.3** Drawdown (m): **4.0**  
Rec'd intake (m): **21.3** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	786.1			Clay Sandy Brown
2.4	785.5			Muskeg
14.0	773.9			Clay Soft Gray
14.6	773.3			Sand & Shale Fractured
17.7	770.2			Shale Gray
24.7	763.2			Sand & Sandstone Gray
26.8	761.1			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

06-06-051-06 W5M

Well Number 06228

Well Owner: **Talisman Energy Inc #Rig Suppl**

Elevation (AMSL) (m): **788**

AEP: **400486**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,464.57**

Date Started: **08 Dec 93**

Northing: **5,910,788.50**

Date Completed: **08 Dec 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **42.1** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment: **Unknown** **08 Jan 94**

**Casing:**

Type: **Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 4st05** Intake (m): **24.4**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **10.4**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	784.3	Clay Sandy Brown
13.4	774.5	Clay Soft Gray
14.0	773.9	Sand Loose Gray
18.0	769.9	Shale Gray
24.4	763.5	Sand Fine Grained Gray
29.3	758.7	Shale Gray
30.2	757.7	Shale & Coal Gray
37.8	750.1	Shale Gray
41.5	746.5	Sand & Sandstone Gray
42.1	745.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-051-06 W5M**

Well Number **06229**

Well Owner: **Wepiyk, Steven**

Elevation (AMSL) (m): **784**

AEP: **415470**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **7,656.02**

Date Started: **01 May 87**

Northing: **5,911,387.00**

Date Completed: **25 Jul 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **24.4** Bottom (m): **36.6**  
 Perforated How: **Hand Drill**  
 from (m): **30.5** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL) (m)</b>	<b>(AMSL) (m)</b>	<b>Lithologic Description</b>
18.3	765.4	Clay
24.4	759.3	Sandstone
36.6	747.2	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 06-051-06 W5M**

Well Number **06230**

Well Owner: **Wepiyk, Steven**

Elevation (AMSL) (m): **784**

AEP: **415473**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **7,656.02**

Date Started: **24 Aug 95**

Northing: **5,911,387.00**

Date Completed: **25 Aug 95**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **77.1** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **61.0** to **64.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.0** Bottom (m): **64.9**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **70.1**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **46.9** Drawdown (m): **1.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **54.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
36.6	747.2	Old Well
48.8	735.0	Shale Blue
59.7	724.0	Sandstone
67.1	716.7	Shale Gray
77.1	706.6	Sandstone White

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

16-09-051-06 W5M

Well Number 06231

Well Owner: **Zahara, Jack**

Elevation (AMSL) (m): **795**

AEP: **418427**

Drilling Contractor: *Sunshine Drilling Ltd.*

Licence No.:

Easting: **12,303.36**

Date Started: **15 Jun 79**

Northing: **5,913,763.00**

Date Completed: **15 Jun 79**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **45.7** (m)  
NPWL (m): **28.4** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **37.5** Bottom (m): **37.5**  
OD (mm): **114.3** Thickness (mm): **0.0**  
Seal Type: **Driven**  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **32.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	792.0	Clay Brown
8.2	786.9	Clay Gray
9.8	785.3	Rocks
13.7	781.4	Clay Gray
19.8	775.3	Clay Blue
27.4	767.7	Clay & Sand Brown
30.5	764.6	Sandstone Gray
32.0	763.1	Sandstone Light Gray
36.6	758.5	Sandstone Blue
39.6	755.5	Sandstone Gray
42.7	752.4	Sandstone Green
44.2	750.9	Sandstone Gray
45.4	749.7	Sandstone Light Gray
45.7	749.4	Sandstone Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-051-06 W5M**

Well Number **06232**

Well Owner: **Schadek, W.**

Elevation (AMSL) (m): **795**

AEP: **376742**

Drilling Contractor: **Scott H**

Licence No.:

Easting: **12,302.47**

Date Started: **11 Aug 78**

Northing: **5,913,747.00**

Date Completed: **28 Aug 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **29.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **59.4**  
 Perforated How: **Torch**  
 from (m): **53.3** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **59.4** Drawdown (m): **19.8**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.5	782.6			Clay
21.9	773.1			Shale
24.4	770.7			Sandstone Water Bearing
31.7	763.4			Shale
32.9	762.2			Rocks Hard
54.3	740.8			Shale
58.8	736.3			Sandstone
59.4	735.7			Shale

**Laboratory:**

**03 Oct 78**

pH (pH unit)	<b>9.10</b>	COD	Mercury
Cond. (µS/cm)	<b>883.0</b>	SAR	Nickel
TDS	<b>523.0</b>	TKN	Selenium
Sodium	<b>206.08</b>	Nitrate	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>57.00</b>	DIC	Hydroxide
Bicarbonate	<b>414.87</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>52.83</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>2.75</b>	Chromium	Amm. Nitrogen
Iron	<b>0.17</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>8.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 09-051-06 W5M**

Well Number **06233**

Well Owner: **Schadek/Phh Home Equity Inc**

Elevation (AMSL) (m): **795**

AEP: **376743**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **12,302.47**

Date Started: **28 Oct 93**

Northing: **5,913,747.00**

Date Completed: **28 Oct 93**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **75.9** (m)  
 NPWL (m): **46.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.9** Bottom (m): **75.9**  
 Perforated How: **Machine**  
 from (m): **51.8** to **75.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **64.0**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **17.1**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
60.4	734.7			Old Well
61.3	733.8			Sandstone Gray
62.8	732.3			Sand Gray
66.1	728.9			Shale Gray
68.3	726.8			Shale Sandy Gray
74.7	720.4			Sand Gray
75.9	719.2			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 10-051-06 W5M**

Well Number **06234**

Well Owner: **Court, Ed**

Elevation (AMSL) (m): **786**

AEP: **367039**

Drilling Contractor: *Alken Basin Drilling Ltd.*

Licence No.:

Easting: **12,988.61**

Date Started: **05 Nov 92**

Northing: **5,913,749.00**

Date Completed: **05 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **70.1** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **70.1**  
 Perforated How: **Hand Drill**  
 from (m): **57.9** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **70.1**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **24.4**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
11.9	773.7	Clay
17.4	768.2	Sandstone Soft Gray
32.9	752.6	Shale & Sandstone Gray
36.0	749.6	Sandstone Gray
45.7	739.8	Shale
48.2	737.4	Sandstone Gray
50.3	735.3	Shale
56.7	728.9	Sandstone Gray
57.3	728.3	Shale
58.8	726.7	Sandstone Gray
63.7	721.9	Shale
67.7	717.9	Sandstone Gray
70.1	715.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-051-06 W5M**

Well Number **06235**

Well Owner: **Gilbert, Howard & Frances**

Elevation (AMSL) (m): **768**

AEP: **357295**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,682.95**

Date Started: **06 May 91**

Northing: **5,913,498.50**

Date Completed: **06 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.4** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **60.4**  
 Perforated How: **Machine**  
 from (m): **37.8** to **43.9** Size:  
 from (m): **50.0** to **60.4** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **13.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	765.7	Clay Brown
3.7	764.4	Clay & Rocks
18.0	750.1	Clay Gray
19.5	748.6	Sand & Shale Fractured Gray
25.3	742.8	Shale Green
28.0	740.1	Shale Gray
30.8	737.3	Sandstone Fractured Gray
36.3	731.8	Shale Gray
36.9	731.2	Coal
38.7	729.4	Shale Gray
43.0	725.1	Sandstone Gray
48.2	719.9	Shale Green
51.5	716.6	Shale & Sandstone Ledges Fine
53.0	715.1	Shale Gray
59.4	708.7	Sandstone Gray
60.4	707.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-051-06 W5M**

Well Number **06236**

Well Owner: **Strocher, T.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367339**  
 Easting: **14,440.83**  
 Northing: **5,913,905.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 11-051-06 W5M**

Well Number **06237**

Well Owner: **Tomahawk Sch. Cty Of Parkland**

Elevation (AMSL) (m): **784**

AEP: **362829**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **14,563.90**

Date Started: **13 Oct 91**

Northing: **5,913,858.50**

Date Completed: **13 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **46.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.0** Bottom (m): **87.8**  
 Perforated How: **Machine**  
 from (m): **48.8** to **87.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **87.8**  
**Testing:**  
 Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **87.8** Drawdown (m): **53.6**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	776.0	Clay Brown
9.4	774.4	Shale Brown
12.8	771.1	Shale Soft Brown
14.0	769.9	Coal
15.9	768.0	Clay Gray
17.1	766.8	Shale Green
25.3	758.6	Shale Gray
25.9	758.0	Shale Green
29.9	754.0	Sand & Sandstone Gray
36.3	747.6	Shale Green
39.9	744.0	Sand Gray
44.5	739.4	Shale Dark Gray
49.1	734.8	Shale Green
50.9	733.0	Sand Gray
62.2	721.7	Shale Green
68.9	715.0	Sand & Sandstone Gray
72.2	711.7	Shale Green
78.6	705.3	Sand & Sandstone Gray
82.0	701.9	Shale Green
85.3	698.5	Shale Gray
87.8	696.1	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

13-12-051-06 W5M

Well Number 06238

Well Owner: O'Neil, Mary

Elevation (AMSL) (m): 763

AEP: 361089

Licence No.:

Easting: 15,775.51

Drilling Contractor: Panky'S Consolidated Ltd.

Date Started: 26 Nov 91

Northing: 5,913,811.50

Date Completed: 26 Nov 91

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **33.5** (m)  
NPWL (m): **14.6** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **25.3** Bottom (m): **25.3**  
OD (mm): **114.3** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **24.4**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **23.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
Level End (m): **30.5** Drawdown (m): **15.9**  
Rec'd intake (m): **23.8** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	754.3	Clay
11.3	752.2	Sandstone Brown
13.7	749.8	Shale Blue
19.5	744.0	Sandstone Gray
24.4	739.1	Shale Blue
27.4	736.0	Sandstone Gray
33.5	729.9	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-06 W5M**

Well Number **06239**

Well Owner: **Bijeau, Joe**

Elevation (AMSL) (m): **772**

AEP: **400384**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,816.79**

Date Started: **21 Jul 94**

Northing: **5,914,309.00**

Date Completed: **21 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **79.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **10.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	762.2	Clay Soft Light
11.0	760.9	Shale Brown
14.6	757.3	Sand Brown
19.5	752.4	Shale Brown
21.0	750.9	Shale Sandy Brownish Gray
21.9	750.0	Sandstone Fractured Gray
26.2	745.7	Sand Gray
29.3	742.7	Shale Green
29.9	742.0	Sandstone Gray
30.8	741.1	Shale Sandy Gray
37.8	734.1	Shale Gray
40.5	731.4	Shale Green
41.8	730.2	Sand Gray
42.7	729.2	Shale Gray
44.8	727.1	Sand & Shale Gray
49.1	722.8	Shale Green
56.1	715.8	Shale Gray
58.2	713.7	Sand & Shale Gray
63.4	708.5	Shale Gray
64.6	707.3	Sandstone Fine Grained Gray
78.6	693.3	Shale Gray
82.0	689.9	Shale Sandy Gray
85.3	686.6	Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-06 W5M**

Well Number **06240**

Well Owner: **County Of Parkland #31**

Elevation (AMSL) (m): **772**

AEP: **353952**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,816.79**

Date Started: **11 Oct 90**

Northing: **5,914,309.00**

Date Completed: **11 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.4** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **41.5** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m):  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **21.3**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	764.6	Clay Gray
24.7	747.2	Clay Sandy Gray
27.4	744.5	Sandstone Sandy
28.7	743.3	Clay Sandy Gray
40.8	731.1	Shale Green
44.2	727.7	Sand Gray
46.6	725.3	Shale Gray
48.8	723.1	Sandstone Sandy Gray
51.2	720.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 14-051-06 W5M**

Well Number **06241**

Well Owner: **Ellis, Kenneth Wayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354505**  
 Easting: **15,606.31**  
 Northing: **5,914,368.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-051-06 W5M**

Well Number **06242**

Well Owner: **Pearce, Reginald J**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356877**  
 Easting: **15,606.31**  
 Northing: **5,914,368.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 14-051-06 W5M**

Well Number **06243**

Well Owner: **Raugust, Stan**

Elevation (AMSL) (m): **762**

AEP: **415479**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,648.97**

Date Started: **03 Aug 95**

Northing: **5,914,052.50**

Date Completed: **04 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.9** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **64.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **93.9**  
 Perforated How: **Machine**  
 from (m): **73.2** to **93.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **79.2**  
**Testing:**  
 Rate (lpm): **27.8** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **48.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.5	745.2	Clay
16.8	744.9	Shale Gray
22.3	739.4	Shale Gray
26.8	734.9	Sand & Shale Sandy Brown
32.9	728.8	Sand & Shale
39.0	722.7	Sand & Shale Brown
45.7	716.0	Shale
54.6	707.1	Shale
55.5	706.2	Sandstone
57.3	704.4	Shale & Sandstone Ledges
63.4	698.3	Shale
69.5	692.2	Shale Bentonitic
81.7	680.0	Shale Sandy
87.8	673.9	Shale & Sandstone Sandy
93.9	667.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-051-06 W5M**

Well Number **06244**

Well Owner: **Schadeck, Terry**

Elevation (AMSL) (m): **770**

AEP: **352053**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **15,606.31**

Date Started: **29 Aug 90**

Northing: **5,914,368.00**

Date Completed: **29 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **22.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	757.9			Clay
13.7	756.3			Shale Gray
17.7	752.4			Sandstone Brown
20.1	749.9			Shale Blue
24.4	745.7			Sandstone Gray
25.9	744.2			Shale Blue
27.7	742.3			Sandstone Gray
30.5	739.6			Shale Gray
33.5	736.5			Shale Blue
38.1	732.0			Sandstone Gray
44.2	725.9			Shale Blue
47.6	722.5			Sandstone
48.8	721.3			Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 14-051-06 W5M**

Well Number **06245**

Well Owner: **Barber, Carol**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **783**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361687**  
 Easting: **14,426.38**  
 Northing: **5,914,368.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 14-051-06 W5M**

Well Number **06246**

Well Owner: **Gruber, F.**

Elevation (AMSL) (m): **783**

AEP: **367612**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **14,426.38**

Date Started: **12 May 77**

Northing: **5,914,368.50**

Date Completed: **20 May 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **50.3** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **50.3**  
 Perforated How: **Torch**  
 from (m): **45.7** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	775.6	Clay
8.5	774.4	Rocks Hard
20.7	762.2	Shale Sandy
46.0	736.9	Shale
49.1	733.9	Sandstone
50.3	732.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-051-06 W5M**

Well Number **06247**

Well Owner: **Roszbach, Sylvia**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **774**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361688**  
 Easting: **13,930.53**  
 Northing: **5,914,022.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-051-06 W5M**

Well Number **06248**

Well Owner: **Fisons Horticulture Inc**

Elevation (AMSL) (m): **794**

AEP: **365229**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **7,582.41**

Date Started: **22 Jun 92**

Northing: **5,915,157.00**

Date Completed: **22 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **2.4** Bottom (m): **43.9**  
 Perforated How: **Machine**  
 from (m): **27.4** to **43.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **18.3**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **182.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	790.3			Clay Sandy Brown
11.9	782.1			Clay Gray
13.1	780.9			Shale Sandy Gray
18.3	775.7			Sand & Sandstone Fractured
19.8	774.2			Shale Sandy Gray
20.1	773.9			Sandstone Gray
21.3	772.7			Shale Sandy Gray
21.6	772.4			Sandstone Gray
32.3	761.7			Sand & Sandstone Gray
34.4	759.6			Shale Green
35.0	759.0			Shale Bentonitic Green
37.8	756.2			Sand & Sandstone Gray
40.5	753.5			Shale Gray
43.3	750.7			Shale & Sandstone Ledges Gray
45.7	748.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 21-051-06 W5M**

Well Number **06249**

Well Owner: **Sauvie, Frank**

Elevation (AMSL) (m): **791**

AEP: **362830**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **12,388.92**

Date Started: **22 Jan 92**

Northing: **5,916,932.00**

Date Completed: **22 Jan 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **39.0** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Teh05**  
 Model: **Gould** Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **16.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	787.2	Clay Sandy Brown
7.3	784.1	Clay Brown
9.8	781.7	Shale Brown
14.0	777.4	Shale Sandy Brown
19.2	772.2	Sand Brown
21.9	769.5	Shale Fractured Green
25.6	765.8	Shale Gray
29.3	762.2	Sandstone Gray
36.0	755.5	Shale Green
36.9	754.6	Shale Sandy Gray
38.7	752.7	Shale Gray
42.4	749.1	Shale Sandy Gray
44.5	746.9	Sand & Sandstone Gray
45.1	746.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-051-06 W5M**

Well Number **06250**

Well Owner: **Tetreault, Leonard**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **791**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410481**  
 Easting: **12,388.92**  
 Northing: **5,916,932.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **27 Jul 77**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>1215</b>	SAR	Nickel
TDS <b>803.0</b>	TKN	Selenium
Sodium <b>204.01</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>51.90</b>	TN	Vanadium
Magnesium <b>24.08</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>466.73</b>	Arsenic	Total Hardness <b>229.00</b>
Aluminum	Barium	Manganese
Sulphate <b>278.09</b>	Beryllium	Phosphate
Chloride <b>12.05</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride <b>0.11</b>	Chromium	Amm. Nitrogen
Iron <b>2.72</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>383.0</b>
Silica <b>16.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

06-32-051-06 W5M

Well Number 06251

Well Owner: **Lorrac Energy Ltd**

Elevation (AMSL) (m): **817**

AEP: **366334**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **9,750.41**

Date Started: **05 Oct 92**

Northing: **5,919,405.50**

Date Completed: **05 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **12.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **9.8** Bottom (m): **9.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Tait** Intake (m): **12.2**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **9.8** Drawdown (m): **8.5**  
 Rec'd intake (m): **8.5** Rec'd Rate (lpm): **182.4**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.1 810.4 Clay  
 9.1 807.4 Shale Gray  
 10.7 805.8 Shale Blue  
 12.2 804.3 Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 34-051-06 W5M**

Well Number **06252**

Well Owner: **Juengling, R.**

Elevation (AMSL) (m): **776**

AEP: **394129**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **13,147.24**

Date Started:

Northing: **5,918,888.50**

Date Completed: **22 Mar 62**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: 3 Rod**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
4.6	771.9	Clay
10.7	765.8	Sand
21.3	755.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

14-36-051-06 W5M

Well Number 06253

Well Owner: **Canadian Hunter #Sedco 73**

Elevation (AMSL) (m): **793**

AEP: **368742**

Drilling Contractor: *Alken Basin Drilling Ltd.*

Licence No.:

Easting: **16,434.83**

Date Started: **05 Mar 93**

Northing: **5,920,410.50**

Date Completed: **05 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **24.4** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment: **Unknown** **24 Mar 93**

**Casing:**

Type: **Steel**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **6.1**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **18.3**  
 Perforated How: **Machine**  
 from (m): **6.1** to **18.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **15.2**

**Testing:**

Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m): **10.7**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **273.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	787.4	Clay & Sand
9.1	783.7	Sandstone Brown
21.3	771.6	Sandstone Greenish Gray
24.4	768.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-051-06 W5M**

Well Number **06254**

Well Owner: **Wilkie, Hugh**

Elevation (AMSL) (m): **805**

AEP: **350083**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,243.45**

Date Started: **21 Feb 90**

Northing: **5,920,035.00**

Date Completed: **21 Feb 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **36.0** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **36.0**  
 Perforated How: **Machine**  
 from (m): **24.4** to **36.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **29.0**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	799.9			Sand Brown
7.3	797.8			Sand Brown
14.0	791.1			Shale Brown
17.7	787.4			Shale Gray
19.5	785.6			Sand Gray
21.0	784.1			Shale Gray
22.3	782.9			Shale Sandy Gray
26.2	778.9			Shale Green
27.7	777.4			Sandstone Gray
29.6	775.6			Shale Gray
34.8	770.4			Sand
36.0	769.2			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 36-051-06 W5M**

Well Number **06255**

Well Owner: **Bailey, Don/Deanna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **794**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354506**  
 Easting: **16,973.39**  
 Northing: **5,919,035.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-051-06 W5M**

Well Number **06256**

Well Owner: **Bailey, Don/Deanna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **794**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356878**  
 Easting: **16,973.39**  
 Northing: **5,919,035.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **47.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 36-051-06 W5M**

Well Number **06257**

Well Owner: **Wilkie, Hugh**

Elevation (AMSL) (m): **794**

AEP: **350082**

Licence No.:

Easting: **16,973.39**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **21 Feb 90**

Northing: **5,919,035.50**

Date Completed: **21 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **47.9** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **47.9**  
 Perforated How: **Machine**  
 from (m): **33.5** to **47.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **59.3** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **22.6**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	790.0	Sand Brown
4.9	788.8	Sand Brown
11.6	782.1	Sand Brown
13.4	780.3	Shale Brown
15.5	778.1	Shale Gray
18.9	774.8	Sand Coarse Grained Gray
21.0	772.7	Shale Gray
22.6	771.1	Sand Coarse Grained Gray
29.3	764.4	Shale Gray
33.2	760.5	Shale Green
36.9	756.8	Sand Fine Grained Gray
41.8	751.9	Shale Gray
43.0	750.7	Sandstone Gray
46.3	747.4	Shale
47.2	746.4	Sand Gray
47.9	745.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-051-07 W5M**

Well Number **06258**

Well Owner: **Dupperon, Claude**

Elevation (AMSL) (m): **781**

AEP: **400385**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **7,405.13**

Date Started: **23 Sep 94**

Northing: **5,910,857.00**

Date Completed: **23 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.3** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **45.1** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **7.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **41.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
11.0	770.0	Clay Brown
13.4	767.6	Sand & Boulders
13.7	767.3	Sandstone Gray
15.5	765.5	Shale Soft Green
18.0	763.0	Shale Gray
18.6	762.4	Sandstone Gray
19.2	761.8	Sand Gray
19.8	761.2	Sandstone Gray
22.6	758.5	Sand Gray
25.3	755.7	Shale Green
30.8	750.2	Shale Gray
33.5	747.5	Sand & Sandstone Fine Grained
36.3	744.7	Shale Gray
36.9	744.1	Sandstone Fine Grained Gray
41.8	739.2	Shale Gray
45.4	735.6	Shale Sandy Gray
46.9	734.1	Shale Gray
52.1	728.9	Sand & Sandstone Gray
55.2	725.8	Sand Coarse Grained Gray
57.0	724.0	Shale & Sandstone Ledges Gray
57.3	723.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-051-07 W5M**

Well Number **06259**

Well Owner: **Shute, Robert**

Elevation (AMSL) (m): **807**

AEP: **351987**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,153.64**

Date Started: **28 Aug 90**

Northing: **5,910,861.00**

Date Completed: **28 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **26.8** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **26.8**  
 Perforated How: **Machine**  
 from (m): **19.8** to **26.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **15.2**

**Testing:**  
 Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m): **14.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	802.5	Clay Sandy Brown
5.5	801.3	Clay Gray
7.0	799.8	Clay Sandy Gray
8.8	797.9	Sand Gray
10.4	796.4	Shale Gray
13.7	793.1	Sand Gray
16.5	790.3	Shale Gray
19.8	787.0	Shale Green
20.7	786.1	Sand Fine Grained Gray
22.6	784.2	Sand Gray
25.0	781.8	Sandstone Gray
26.2	780.6	Sand Gray
26.8	780.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-051-07 W5M**

Well Number **06260**

Well Owner: **Jackson, Ken**

Elevation (AMSL) (m): **815**

AEP: **351697**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **3,193.16**

Date Started: **18 Jun 90**

Northing: **5,910,856.50**

Date Completed: **18 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.8** Bottom (m): **56.1**  
 Perforated How: **Machine**  
 from (m): **43.9** to **56.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	808.5	Clay Brown
6.7	807.9	Sandstone Brown
9.4	805.2	Sand Brown
13.1	801.5	Sand Gray
18.6	796.0	Shale Gray
21.9	792.7	Sandstone Fine Grained Gray
24.7	789.9	Shale Gray
28.4	786.3	Sandstone Sandy Gray
30.8	783.8	Shale Gray
31.1	783.5	Coal
31.7	782.9	Shale Soft Light Gray
33.2	781.4	Shale Green
34.8	779.9	Sandstone Fine Grained
40.2	774.4	Shale Gray
43.9	770.7	Shale Green
44.8	769.8	Sandstone Gray
52.1	762.5	Shale & Sandstone Fine Grained
55.8	758.8	Sand Gray
56.1	758.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 04-051-07 W5M**

Well Number **06261**

Well Owner: **Circle C Hldg C/O Carrothers, B**

Elevation (AMSL) (m): **841**

AEP: **407504**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,503.56**

Date Started: **20 Jun 95**

Northing: **5,912,078.00**

Date Completed: **20 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **35.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **45.7**  
 Perforated How: **Machine**  
 from (m): **37.5** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **39.6**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **14.6**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	836.9	Clay Sandy Brown
4.6	836.3	Sand Brown
5.2	835.7	Sandstone Brown
9.4	831.4	Sand Brown
10.1	830.8	Sandstone Gray
14.0	826.9	Sand Brownish Gray
18.6	822.3	Shale Gray
25.3	815.6	Shale Green
26.2	814.7	Sand & Shale Gray
30.8	810.1	Shale Gray
31.4	809.5	Sandstone Gray
35.0	805.8	Sand & Sandstone Gray
36.6	804.3	Shale Gray
37.8	803.1	Sand & Sandstone Gray
40.5	800.3	Shale Gray
43.0	797.9	Sand & Sandstone Gray
45.7	795.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-051-07 W5M**

Well Number **06262**

Well Owner: **Yurkiewich, Steve**

Elevation (AMSL) (m): **840**

AEP: **400386**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **660.86**

Date Started: **18 Jul 93**

Northing: **5,910,804.50**

Date Completed: **18 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **60.4** (m)  
 NPWL (m): **33.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **60.4**  
 Perforated How: **Machine**  
 from (m): **51.2** to **60.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **8.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	835.4	Clay Sandy Brown
7.9	831.7	Clay Gray
8.8	830.8	Sand Brown
10.1	829.6	Coal
18.6	821.1	Clay Sandy Gray
22.6	817.1	Shale Green
26.2	813.4	Shale Gray
27.7	811.9	Shale Sandy Gray
28.4	811.3	Sandstone Gray
33.2	806.4	Shale Gray
35.0	804.6	Clay Gray
38.7	800.9	Sand Fractured
42.7	797.0	Clay Sandy Gray
52.7	786.9	Shale Gray
56.4	783.3	Sand & Sandstone Gray
59.7	779.9	Sandstone & Shale Ledges Gray
60.4	779.3	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 07-051-07 W5M**

Well Number **06263**

Well Owner: **Lang, Frank**

Elevation (AMSL) (m): **881**

AEP: **366106**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-586.88**

Date Started: **22 Sep 92**

Northing: **5,912,755.50**

Date Completed: **22 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.3** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.3** Bottom (m): **39.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.4** Bottom (m): **54.3**  
 Perforated How: **Machine**  
 from (m): **42.1** to **54.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **9.1**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	877.0	Clay Sandy Brown
5.8	875.4	Sand Brown
6.4	874.8	Sandstone Brown
14.0	867.2	Sand Brown
16.1	865.1	Sandstone Brown
21.9	859.3	Sand & Sandstone Brown
24.4	856.8	Shale Green
31.7	849.5	Shale Sandy Brown
35.7	845.6	Sand Brown
38.7	842.5	Sand & Shale Brown
43.0	838.3	Shale Sandy Gray
48.5	832.8	Sand Brownish Gray
50.0	831.2	Sand Gray
52.4	828.8	Sand Coarse Grained Gray
54.3	827.0	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-051-07 W5M**

Well Number **06264**

Well Owner: **Kos, Artie T.**

Elevation (AMSL) (m): **869**

AEP: **379462**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **1,282.99**

Date Started: **14 Oct 93**

Northing: **5,912,983.00**

Date Completed: **14 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **48.8**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **16.8**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	865.4	Clay & Rocks Brown
9.4	859.6	Sand Brown
14.9	854.1	Sandstone Brown
23.2	845.9	Sandstone Coarse Grained Brown
23.8	845.3	Gravel
25.9	843.1	Sandstone Soft Brown
29.0	840.1	Sandstone Soft
32.6	836.4	Sandstone Hard Blue
33.5	835.5	Sandstone Gray
39.9	829.1	Sandstone Brown
40.5	828.5	Sandstone Hard Gray
43.3	825.8	Sandstone Gray
45.7	823.3	Shale Blue
46.0	823.0	Bentonite
48.8	820.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 10-051-07 W5M**

Well Number **06265**

Well Owner: **Ganske, Robert**

Elevation (AMSL) (m): **845**

AEP: **351821**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **3,839.54**

Date Started: **05 Jul 90**

Northing: **5,913,905.00**

Date Completed: **09 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **3.1**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	840.1	Clay Brown
8.2	836.4	Sand Clayey
12.2	832.5	Clay Blue
13.7	830.9	Clay Brown
19.8	824.8	Sand & Gravel
21.3	823.3	Clay Brown
25.9	818.7	Shale Gray
38.1	806.5	Shale Brown
39.6	805.0	Sandstone
44.2	800.5	Shale Gray
45.7	798.9	Sandstone
56.4	788.3	Shale Green
61.0	783.7	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-051-07 W5M**

Well Number **06266**

Well Owner: **Keith, Gene**

Elevation (AMSL) (m): **855**

AEP: **358446**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,827.68**

Date Started: **26 Jun 91**

Northing: **5,912,847.00**

Date Completed: **26 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **36.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.8** Bottom (m): **36.0**  
 Perforated How: **Machine**  
 from (m): **29.0** to **36.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	849.8	Clay Sandy Brown
7.3	848.0	Clay Sandy Gray
13.1	842.2	Clay & Rocks Gray
15.5	839.8	Clay Gray
17.4	837.9	Shale Gray
23.2	832.2	Shale Green
26.8	828.5	Sand Gray
29.0	826.4	Shale Gray
31.7	823.6	Sandstone Gray
33.2	822.1	Shale Green
34.4	820.9	Sandstone Gray
36.0	819.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-11-051-07 W5M

Well Number 06267

Well Owner: Mobil Oil #Rig Supply

Elevation (AMSL) (m): 789

AEP: 400488

Licence No.:

Easting: 5,871.96

Drilling Contractor: Morrill'S Water Well Drilling Ltd.

Date Started: 20 Nov 93

Northing: 5,913,808.00

Date Completed: 20 Nov 93

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Industrial**  
Completed Depth **57.6** (m)  
NPWL (m): **9.1** Verified NPWL (m):  
Abandonment: **Unknown** **20 Jan 94**

**Casing:**

Type: **Steel**  
Depth (m): **17.1** Bottom (m): **17.1**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **17.1**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): Bottom (m): **57.6**  
Perforated How: **Machine**  
from (m): **27.4** to **57.6** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 45t03** Intake (m): **44.2**

**Testing:**

Rate (lpm): **159.6** Time (minute): **120.0**  
Level End (m): **44.2** Drawdown (m): **35.0**  
Rec'd intake (m): **51.8** Rec'd Rate (lpm): **136.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.0 785.4 Clay Brown  
14.6 774.8 Clay Gray  
15.9 773.5 Sand Loose Gray  
20.7 768.7 Clay Sandy Gray  
24.1 765.3 Shale Gray  
42.1 747.3 Sand & Sandstone Fine Grained  
47.9 741.5 Shale Green  
53.0 736.4 Sand & Sandstone Gray  
57.6 731.8 Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-11-051-07 W5M

Well Number 06268

Well Owner: **Mobil Oil #Rig Supply**

Elevation (AMSL) (m): **789**

AEP: **400487**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,871.96**

Date Started: **21 Nov 93**

Northing: **5,913,808.00**

Date Completed: **21 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **67.1** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment: **Unknown** **20 Jan 94**

**Casing:**

Type: **Steel**  
 Depth (m): **22.6** Bottom (m): **22.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **30.5** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 30t** Intake (m): **42.7**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **33.2**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	785.4	Clay Brown
14.3	775.1	Clay Gray
16.1	773.2	Sand Loose Brown
20.7	768.7	Clay Sandy Gray
22.9	766.5	Shale Green
41.5	747.9	Sand & Sandstone Fine Grained
49.1	740.3	Shale Green
54.0	735.4	Sand & Sandstone Gray
58.2	731.2	Shale Gray
65.8	723.6	Sand & Sandstone Gray
67.1	722.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-051-07 W5M**

Well Number **06269**

Well Owner: **Benesch, Linda**

Elevation (AMSL) (m): **795**

AEP: **376548**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **6,144.51**

Date Started: **06 Aug 93**

Northing: **5,913,605.50**

Date Completed: **07 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **88.1** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **86.9**  
 Perforated How: **Machine**  
 from (m): **77.7** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **10.7**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	789.9	Clay Sandy Brown
12.5	782.2	Gravel
14.0	780.7	Clay Sandy Gray
18.6	776.1	Clay & Gravel
19.8	774.9	Sand Loose
25.6	769.1	Clay Gray
29.0	765.8	Sand & Boulders Gray
31.1	763.6	Shale Fractured
35.7	759.1	Shale Gray
46.9	747.8	Sand & Sandstone Gray
49.7	745.1	Shale Gray
50.9	743.8	Sandstone Fine Grained Gray
56.7	738.0	Shale Gray
59.1	735.6	Shale Sandy Gray
61.3	733.5	Shale Green
70.4	724.3	Shale Gray
75.0	719.8	Sand Fine Grained Gray
75.6	719.1	Sandstone Gray
81.4	713.4	Sand Fine Grained Gray
88.1	706.7	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-051-07 W5M**

Well Number **06270**

Well Owner: **Seely, Josh**

Elevation (AMSL) (m): **793**

AEP: **353136**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **6,022.65**

Date Started: **29 Oct 90**

Northing: **5,915,351.50**

Date Completed: **29 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **39.6** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **39.6**  
 Perforated How: **Machine**  
 from (m): **30.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **7.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	785.6	Clay Brown
7.6	785.0	Sand Brown
8.2	784.4	Sandstone Sandy Brown
10.7	781.9	Sand Brown
14.9	777.7	Shale Sandy Green
20.4	772.2	Sandstone Gray
21.0	771.6	Sandstone Sandy Gray
22.6	770.1	Sand Gray
26.5	766.1	Shale Green
28.7	764.0	Sandstone Sandy Gray
30.5	762.1	Shale Gray
32.3	760.3	Shale Sandy Gray
37.8	754.8	Sandstone Sandy Gray
39.6	753.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 15-051-07 W5M**

Well Number **06271**

Well Owner: **Guertson, Roger**

Elevation (AMSL) (m): **812**

AEP: **399722**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **4,206.21**

Date Started: **17 Oct 94**

Northing: **5,915,556.00**

Date Completed: **17 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **19.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **24.4**  
 Perforated How: **Machine**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **8.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	805.7	Clay & Rocks
9.1	802.7	Sandstone
10.7	801.1	Shale Blue
12.8	799.0	Shale Gray
14.0	797.8	Sandstone Gray
15.2	796.6	Shale Blue
17.1	794.7	Sandstone
23.2	788.6	Shale Gray
23.8	788.0	Coal
25.6	786.2	Shale Blue
28.7	783.1	Sandstone Gray
30.5	781.3	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 16-051-07 W5M**

Well Number **06272**

Well Owner: **Kos, Ron**

Elevation (AMSL) (m): **880**

AEP: **370151**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **2,417.20**

Date Started: **21 Aug 86**

Northing: **5,914,120.50**

Date Completed: **22 Aug 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **68.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **33.5** Bottom (m): **94.5**  
 Perforated How: **Torch**  
 from (m): **88.4** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **85.3**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **94.5** Drawdown (m): **25.9**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	877.9			Clay
3.1	877.3			Sandstone
6.1	874.2			Clay
33.5	846.8			Sandstone Soft
73.2	807.2			Shale Gray
89.9	790.4			Shale Gray
91.4	788.9			Sandstone Water Bearing
92.1	788.3			Sandstone Water Bearing
93.3	787.1			Shale Gray
93.6	786.7			Sandstone Water Bearing
94.5	785.8			Shale Dark Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 16-051-07 W5M**

Well Number **06273**

Well Owner: **Lang, Ed**

Elevation (AMSL) (m): **885**

AEP: **365120**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **1,292.20**

Date Started: **04 Mar 92**

Northing: **5,914,145.50**

Date Completed: **04 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **99.7** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.6** Bottom (m): **99.7**  
 Perforated How: **Machine**  
 from (m): **77.4** to **99.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **82.3**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **82.3** Drawdown (m): **21.3**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	880.4	Clay Sandy Brown
6.4	878.3	Sand Brown
11.6	873.1	Shale Sandy Brown
15.9	868.8	Shale Gray
16.5	868.2	Sandstone Brown
19.8	864.9	Shale Gray
20.7	863.9	Sand Brown
27.1	857.5	Shale Gray
31.7	853.0	Sand Gray
33.2	851.5	Sand Brown
38.4	846.3	Shale Green
44.2	840.5	Sand Brown
51.2	833.5	Sand Gray
66.1	818.5	Shale Gray
68.3	816.4	Shale Sandy Gray
71.9	812.7	Shale Gray
72.8	811.8	Shale Sandy Gray
80.5	804.2	Shale Gray
83.5	801.2	Sand & Sandstone Gray
87.2	797.5	Shale Gray
94.2	790.5	Sand Fine Grained Gray
99.7	785.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-051-07 W5M**

Well Number **06274**

Well Owner: **Drader, Brad**

Elevation (AMSL) (m): **863**

AEP: **415486**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-483.63**

Date Started: **02 Aug 95**

Northing: **5,915,388.50**

Date Completed: **02 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **43.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **43.9** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **43.6** Drawdown (m): **11.3**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	861.3			Clay Sandy
1.5	861.0			Sandstone Stringers
5.2	857.4			Sand Brown
14.3	848.2			Shale
22.3	840.3			Sand & Shale
22.9	839.7			Shale Fractured
28.0	834.5			Sand & Shale
39.0	823.5			Shale
45.1	817.4			Sand & Shale
51.2	811.3			Sand & Shale
54.9	807.7			Shale & Sandstone Ledges

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 17-051-07 W5M**

Well Number **06275**

Well Owner: **Cavanagh, Ken**

Elevation (AMSL) (m): **862**

AEP: **365230**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-13.29**

Date Started: **21 May 92**

Northing: **5,914,110.00**

Date Completed: **22 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **64.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **56.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **55.2** Bottom (m): **82.0**  
 Perforated How: **Machine**  
 from (m): **64.9** to **82.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **5g05412** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **8.5**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	861.2	Clay Sandy Brown
5.5	856.9	Shale Sandy Brown
14.0	848.4	Sand & Sandstone Brown
14.9	847.5	Sandstone Brown
25.6	836.8	Sand & Sandstone Brown
28.0	834.4	Shale Green
31.7	830.7	Shale Sandy Brown
33.2	829.2	Shale Brown
34.8	827.7	Shale Sandy Brown
36.9	825.5	Sand Brown
37.5	824.9	Sandstone Gray
43.3	819.1	Shale Gray
46.6	815.8	Sand Brown
46.9	815.5	Sandstone Gray
49.1	813.3	Sand Brown
50.3	812.1	Shale & Coal
59.1	803.3	Shale Gray
59.7	802.7	Shale Sandy Gray
65.2	797.2	Shale Gray
66.1	796.3	Sandstone Gray
68.3	794.1	Sand Gray
71.3	791.1	Shale Gray
73.5	789.0	Sand & Sandstone Gray
77.4	785.0	Shale Green
80.2	782.2	Sand & Sandstone Gray
82.0	780.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

04-18-051-07 W5M

Well Number 06276

Well Owner: **Areostar 23/Chipchase, Charles**

Elevation (AMSL) (m): **890**

AEP: **404467**

Drilling Contractor: *Tcar Holdings Ltd.*

Licence No.:

Easting: **-1,987.74**

Date Started: **30 Nov 93**

Northing: **5,914,184.00**

Date Completed: **30 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **62.5** (m)  
 NPWL (m): **40.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **19.8** Bottom (m): **62.5**  
 Perforated How: **Torch**  
 from (m): **44.2** to **62.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **228.1** Time (minute): **240.0**  
 Level End (m): **40.5** Drawdown (m): **0.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **319.3**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.7	872.1			Clay
26.2	863.6			Shale
30.5	859.3			Sandstone Silty
37.8	852.0			Shale
43.3	846.5			Sandstone Silty
54.9	834.9			Sandstone Lost Circulation
62.5	827.3			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

03-18-051-07 W5M

Well Number 06277

Well Owner: **Arkoma Productions Of Canada**

Elevation (AMSL) (m): **878**

AEP: **351036**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-1,438.56**

Date Started: **31 May 89**

Northing: **5,914,039.50**

Date Completed: **31 May 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **70.1** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **57.9**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **27.4**  
 Rec'd intake (m): **59.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.4	867.8	Clay
14.0	864.1	Shale Gray
19.8	858.3	Shale Sandy Gray
27.1	851.0	Shale Green
32.3	845.8	Shale Fine Grained Gray
51.5	826.6	Sand Gray
56.7	821.5	Shale Green
59.1	819.0	Sand Fine Grained
65.8	812.3	Shale Gray
66.4	811.7	Sandstone Gray
68.3	809.9	Sand Gray
70.1	808.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-051-07 W5M**

Well Number **06278**

Well Owner: **Harke, Harold**

Elevation (AMSL) (m): **872**

AEP: **351699**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **-644.64**

Date Started: **29 Jun 90**

Northing: **5,914,910.50**

Date Completed: **29 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **14.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **24.4**  
 Perforated How: **Other**  
 from (m): **15.2** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	870.9			Sand
5.2	866.9			Sandstone Soft
7.9	864.2			Shale Fractured
14.9	857.2			Shale Blue
16.5	855.6			Sandstone
17.4	854.7			Shale Blue
21.0	851.1			Sandstone
24.4	847.7			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 18-051-07 W5M**

Well Number **06279**

Well Owner: **Harke, Harold**

Elevation (AMSL) (m): **872**

AEP: **351698**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **-644.64**

Date Started: **29 Jun 90**

Northing: **5,914,910.50**

Date Completed: **29 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **27.4**  
 Perforated How: **Other**  
 from (m): **18.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **114.0**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.5	866.6		Sand
	10.7	861.4		Clay Sandy
	13.1	859.0		Sandstone Soft
	18.9	853.2		Shale Blue
	21.3	850.8		Sandstone
	24.4	847.7		Shale Blue
	25.9	846.2		Shale
	27.4	844.7		Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 18-051-07 W5M**

Well Number **06280**

Well Owner: **Harke, Harold**

Elevation (AMSL) (m): **872**

AEP: **365468**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **-644.64**

Date Started: **24 Jun 92**

Northing: **5,914,910.50**

Date Completed: **24 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **27.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **18.0** to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **27.4**  
 Perforated How: **Hand Drill**  
 from (m): **18.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	870.6	Till & Rocks Brown
3.7	868.4	Till Brown
5.5	866.6	Sand Brown
11.0	861.1	Till Brownish Yellow
12.8	859.3	Sandstone Brown
21.9	850.1	Shale Greenish Gray
22.9	849.2	Sandstone Fine Grained
23.5	848.6	Shale Green
26.8	845.3	Sandstone Medium Grained
27.4	844.7	Shale Fractured Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



01-19-051-07 W5M

Well Number 06281

Well Owner: **Mannville Oil & Gas #Rig Suppl**

Elevation (AMSL) (m): **860**

AEP: **401202**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-701.57**

Date Started: **08 Feb 95**

Northing: **5,915,567.00**

Date Completed: **08 Feb 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **57.3** (m)  
 NPWL (m): **31.7** Verified NPWL (m):  
 Abandonment: **Unknown** **02 Mar 95**

**Casing:**

Type: **Steel**  
 Depth (m): **9.8** Bottom (m): **9.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **9.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **30.5** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gunfos 40t03** Intake (m): **45.7**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **14.0**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

Depth (m)	Elevation (m)	Lithologic Description
3.7	856.7	Clay Brown
5.2	855.1	Clay Sandy Gray
6.1	854.2	Clay & Boulders Gray
7.3	853.0	Clay Sandy Gray
9.4	850.9	Shale Gray
11.6	848.7	Shale Sandy Brown
17.1	843.2	Shale Gray
18.6	841.7	Shale Green
20.4	839.9	Shale Sandy Gray
36.9	823.4	Shale Gray
44.8	815.5	Shale Sandy Gray
48.2	812.2	Shale Gray
50.0	810.3	Sand Fine Grained Gray
52.1	808.2	Sand & Sandstone Gray
54.9	805.5	Sand Gray
57.3	803.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-051-07 W5M**

Well Number **06282**

Well Owner: **Loughran, Darren/Carla**

Elevation (AMSL) (m): **826**

AEP: **382569**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **-674.22**

Date Started: **09 Jun 94**

Northing: **5,917,131.00**

Date Completed: **20 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **45.7**  
 Perforated How: **Torch**  
 from (m): **31.4** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds 7g05** Intake (m): **30.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m):  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.6	818.8		Clay
	10.1	816.4		Shale Yellow
	11.0	815.5		Sandstone Hard Yellow
	17.1	809.4		Sandstone Yellow
	27.4	799.0		Shale & Sandstone Gray
	31.7	794.8		Sandstone Gray
	43.9	782.6		Shale Blue Gray
	44.8	781.7		Sandstone Gray
	45.7	780.7		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-051-07 W5M**

Well Number **06283**

Well Owner: **Balfour, Dick**

Elevation (AMSL) (m): **849**

AEP: **350781**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-1,113.70**

Date Started: **29 Mar 90**

Northing: **5,916,220.00**

Date Completed: **29 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **41.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.2** Bottom (m): **51.2**  
 Perforated How: **Torch**  
 from (m): **41.8** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	844.7	Clay Sandy Brown
6.1	842.6	Clay Gray
7.3	841.4	Sand Brown
16.1	832.5	Shale Gray
22.6	826.1	Sand Brown
31.1	817.6	Sand Brown
39.3	809.4	Shale Green
42.7	806.0	Shale Gray
44.2	804.5	Sand Gray
46.0	802.7	Shale Green
49.1	799.6	Sand Gray
51.2	797.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-21-051-07 W5M

Well Number **06284**

Well Owner: **Alta Env #1333e**

Elevation (AMSL) (m): **823**

AEP: **412752**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,103.27**

Date Started:

Northing: **5,915,980.00**

Date Completed: **19 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	821.9	Clay Soft Red
7.6	815.8	Silt Soft Red
8.2	815.2	Siltstone Hard Red
14.0	809.4	Sandstone Soft Gray
15.2	808.2	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 22-051-07 W5M**

Well Number **06285**

Well Owner: **Kapteyn, Ralph**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **813**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367340**  
 Easting: **2,788.48**  
 Northing: **5,917,067.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

14-23-051-07 W5M

Well Number 06286

Well Owner: **Petro Canada**

Elevation (AMSL) (m): **799**

AEP: **355552**

Drilling Contractor: *Tcar Holdings Ltd.*

Licence No.:

Easting: **4,990.77**

Date Started: **19 Dec 88**

Northing: **5,916,746.09**

Date Completed: **19 Dec 88**

**General:**

Type of Work: **Old Well-Abandoned**  
Drilling Method: **Rotary**  
Well Use: **Industrial**  
Completed Depth **18.3** (m)  
NPWL (m): **1.5** Verified NPWL (m):  
Abandonment: **Unknown** **17 Jan 89**

**Casing:**

Type: **Steel**  
Depth (m): **5.8** Bottom (m): **5.8**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **5.5**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
Level End (m): **5.2** Drawdown (m): **3.7**  
Rec'd intake (m): **13.1** Rec'd Rate (lpm): **182.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.8	793.4	Clay
7.3	791.9	Sandstone
13.4	785.8	Sandstone Soft
18.3	780.9	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 23-051-07 W5M**

Well Number **06287**

Well Owner: **Thiessen, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **795**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364627**  
 Easting: **4,329.33**  
 Northing: **5,916,816.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-051-07 W5M**

Well Number **06288**

Well Owner: **Urkavich, Roland**

Elevation (AMSL) (m): **807**

AEP: **365121**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,720.69**

Date Started: **20 Mar 92**

Northing: **5,918,687.50**

Date Completed: **20 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **33.2** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **33.2**  
 Perforated How: **Machine**  
 from (m): **28.7** to **33.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **26.8**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **26.8** Drawdown (m): **7.0**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	1.8	805.2		Clay Brown
	5.8	801.2		Clay & Boulders Brown
	12.5	794.5		Sand & Sandstone Brown
	15.9	791.2		Shale Brown
	22.3	784.8		Shale Gray
	22.9	784.2		Sand Gray
	23.2	783.9		Shale Green
	26.5	780.5		Sand & Sandstone Gray
	28.7	778.4		Shale Dark Gray
	29.3	777.8		Sand & Shale Fine Grained Gray
	31.7	775.3		Sand & Sandstone Gray
	32.0	775.0		Shale Gray
	32.3	774.7		Coal
	33.2	773.8		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 28-051-07 W5M**

Well Number **06289**

Well Owner: **Urkevich, Nick**

Elevation (AMSL) (m): **807**

AEP: **404852**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,720.69**

Date Started: **13 Apr 95**

Northing: **5,918,687.50**

Date Completed: **13 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.3** (m)  
 NPWL (m): **36.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.1** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **48.8** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **9.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	804.6	Clay Brown
6.4	800.6	Clay Sandy Brown
10.4	796.7	Clay Sandy Gray
13.7	793.3	Shale Gray
14.3	792.7	Shale Fractured
14.6	792.4	Coal
16.5	790.6	Shale Green
18.6	788.4	Shale Sandy Gray
24.4	782.7	Shale Gray
29.3	777.8	Sand Gray
38.7	768.3	Sand & Sandstone Gray
39.9	767.1	Sandstone Gray
40.8	766.2	Sand & Coal
41.8	765.3	Sand Gray
45.4	761.6	Shale Gray
46.9	760.1	Shale Sandy Gray
50.6	756.4	Shale Gray
56.4	750.6	Sand & Sandstone Gray
57.3	749.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-30-051-07 W5M

Well Number 06290

Well Owner: **Paragon C/O Barlon #Rig**

Elevation (AMSL) (m): **821**

AEP: **406428**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-1,438.43**

Date Started: **17 May 95**

Northing: **5,917,798.50**

Date Completed: **17 May 95**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Industrial**  
Completed Depth **33.5** (m)  
NPWL (m): **1.8** Verified NPWL (m):  
Abandonment: **Unknown** **30 May 95**

**Casing:**

Type: **Steel**  
Depth (m): **11.3** Bottom (m): **11.3**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **11.3**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): Bottom (m): **30.5**  
Perforated How: **Machine**  
from (m): **12.2** to **30.5** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
Level End (m): **18.3** Drawdown (m): **16.5**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	814.7			Clay Sandy Brown
6.4	814.1			Sand Loose Brown
10.4	810.2			Clay & Boulders
11.0	809.6			Sand Loose Brown
19.5	801.0			Sand & Sandstone Brownish Gra
23.8	796.8			Shale Gray
26.2	794.3			Shale Sandy Gray
27.7	792.8			Shale Gray
31.7	788.8			Sand & Sandstone Gray
33.5	787.0			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-051-07 W5M**

Well Number **06291**

Well Owner: **Lemieux, Fred**

Elevation (AMSL) (m): **833**

AEP: **443265**

Drilling Contractor: *Smitty'S Ww Svc Ltd*

Licence No.:

Easting: **-880.35**

Date Started: **31 Aug 79**

Northing: **5,918,487.00**

Date Completed: **04 Sep 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **11.6**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **11.0** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	830.2	Clay Brown
2.7	829.9	Boulders
4.3	828.4	Sand Medium Grained
8.2	824.5	Sandstone Soft
12.2	820.5	Shale & Sandstone Hard

Laboratory:

**11 Oct 79**

pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>651.0</b>	SAR	Nickel
TDS	<b>351.0</b>	TKN	<b>0.07</b>
Sodium	<b>8.97</b>	Nitrate	<b>0.03</b>
Potassium	<b>1.96</b>	Nitrite	Strontium
Calcium	<b>70.94</b>	TN	Molybdenum
Magnesium	<b>40.01</b>	TC	Vanadium
Carbonate		DIC	Zinc
Bicarbonate	<b>414.87</b>	Arsenic	Hydroxide
Aluminum		Barium	Total Hardness <b>342.00</b>
Sulphate	<b>19.21</b>	Beryllium	Manganese
Chloride	<b>2.13</b>	Cadium	Phosphate
Fluoride	<b>0.40</b>	Chromium	Ion Balance <b>0.99</b>
Iron	<b>0.06</b>	Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	<b>9.40</b>	Lead	Total Alkalinity <b>341.0</b>
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

03-31-051-07 W5M

Well Number 06292

Well Owner: **Paragon C/O Barlon Eng Group**

Elevation (AMSL) (m): **811**

AEP: **404468**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-1,583.08**

Date Started: **07 Apr 95**

Northing: **5,919,032.00**

Date Completed: **07 Apr 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **45.1** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment: **Unknown** **17 Apr 95**

**Casing:**

Type: **Steel**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gunfos 4t03** Intake (m): **36.6**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **13.4**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.2	805.7	Clay Brown
13.4	797.4	Clay Sandy Gray
14.6	796.2	Shale Gray
15.9	795.0	Sandstone Fine Grained Gray
24.7	786.1	Shale Gray
29.9	781.0	Sand Brownish Gray
33.2	777.6	Sand & Sandstone Gray
42.7	768.2	Sand Gray
45.1	765.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-33-051-07 W5M

Well Number 06293

Well Owner: **Alta Env #1332e**

Elevation (AMSL) (m): **849**

AEP: **412753**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,110.20**

Date Started:

Northing: **5,919,457.50**

Date Completed: **18 Oct 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth: **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	848.2	Loam Dark Brown
3.1	845.8	Clay & Gravel Dark Brown
3.7	845.2	Clay & Gravel Dark Brown
4.9	844.0	Sandstone Weathered Light Brown
7.6	841.2	Sandstone Hard Light Gray
10.4	838.5	Sandstone Bentonitic Light Bro
11.3	837.6	Sandstone Hard Gray
12.2	836.7	Sandstone Soft Light Brown
14.0	834.8	Sandstone Bentonitic Light Gra
15.2	833.6	Sandstone Soft Light Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-051-07 W5M**

Well Number **06294**

Well Owner: **Barnes, Scott**

Elevation (AMSL) (m): **810**

AEP: **351700**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,602.89**

Date Started: **28 May 90**

Northing: **5,919,885.00**

Date Completed: **28 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **57.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **53.3** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	807.1	Clay Brown
6.4	803.4	Sand Brown
12.8	797.0	Clay Sandy Brown
18.3	791.5	Sand Brown
31.1	778.7	Sand Gray
33.2	776.6	Shale Light Gray
36.9	772.9	Shale Green
38.4	771.4	Sandstone Fine Grained Gray
44.8	765.0	Shale Gray
49.7	760.1	Shale Green
50.3	759.5	Shale Sandy Gray
57.0	752.8	Shale Gray
59.1	750.7	Sandstone Sandy Gray
64.0	745.8	Shale Light Gray
66.8	743.0	Sandstone Sandy Gray
67.1	742.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-051-07 W5M**

Well Number **06295**

Well Owner: **Dean, Bruce**

Elevation (AMSL) (m): **810**

AEP: **406707**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,602.89**

Date Started: **21 Jun 95**

Northing: **5,919,885.00**

Date Completed: **21 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **53.3**  
 Perforated How: **Machine**  
 from (m): **41.5** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **41.2**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **41.2** Drawdown (m): **5.2**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	1.8	808.0		Clay Brown
	12.8	797.0		Sand Brown
	13.1	796.7		Sandstone Brown
	21.0	788.8		Sand Loose Gray
	23.8	786.0		Shale Sandy Gray
	29.6	780.2		Sand Gray
	31.7	778.1		Shale Bentonitic Light Gray
	38.4	771.4		Shale Soft Green
	44.2	765.6		Shale Green
	45.4	764.4		Sand Fine Grained Gray
	52.1	757.7		Sand Gray
	52.7	757.1		Sandstone Gray
	53.3	756.5		Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 33-051-07 W5M**

Well Number **06296**

Well Owner: **Catt, Roy**

Elevation (AMSL) (m): **849**

AEP: **415493**

Licence No.:

Easting: **1,309.93**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Date Started: **14 Aug 95**

Northing: **5,919,103.00**

Date Completed: **14 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.0** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.8** Bottom (m): **54.0**  
 Perforated How: **Machine**  
 from (m): **42.7** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **44.5** Drawdown (m): **10.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	845.5			Clay
25.6	822.9			Sandstone Brown
29.9	818.7			Shale Blue
32.9	815.6			Sandstone Gray
35.0	813.5			Shale Gray
37.2	811.4			Sandstone Gray
38.1	810.4			Shale Blue
42.7	805.9			Sandstone Gray
53.3	795.2			Sandstone White
54.0	794.6			Shale Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SE 34-051-07 W5M**

Well Number **06297**

Well Owner: **Bustin, Mike**

Elevation (AMSL) (m): **806**

AEP: **354828**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,276.88**

Date Started: **21 Jan 91**

Northing: **5,919,116.00**

Date Completed: **21 Jan 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.0** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **23.8** Bottom (m): **36.0**  
 Perforated How: **Machine**  
 from (m): **24.4** to **36.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	801.4	Clay Brown
5.8	799.9	Clay Gray
6.1	799.6	Sandstone Gray
17.7	788.0	Sand See Comments
18.3	787.4	Sandstone Gray
22.6	783.1	Sand Gray
28.4	777.3	Shale Green
31.7	774.0	Sand See Comments Gray
33.2	772.5	Shale Sandy Gray
35.4	770.3	Sand Gray
36.0	769.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

05-01-051-08 W5M

Well Number 06298

Well Owner: **Hall, D R**

Elevation (AMSL) (m): **875**

AEP: **422831**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,751.22**

Date Started:

Northing: **5,911,234.50**

Date Completed: **17 May 67**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **79.2** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **66.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	862.6	Clay
30.5	844.3	Shale Sandy Brown
33.5	841.3	Shale Gray
39.6	835.2	Shale Sandy Brown
45.7	829.1	Shale Brown
48.8	826.1	Shale Gray
51.8	823.0	Sand Gray
54.9	820.0	Sandstone
70.1	804.7	Shale Gray
76.2	798.6	Shale Sandy Gray
79.2	795.6	Shale Gray

Laboratory: **20 Jan 70**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>670.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>158.00</b>
Aluminum	Barium	Manganese
Sulphate <b>60.04</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.09</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>484.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-051-08 W5M**

Well Number **06299**

Well Owner: **Yurchak, S**

Elevation (AMSL) (m): **888**

AEP: **422833**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,356.08**

Date Started:

Northing: **5,911,729.00**

Date Completed: **03 May 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **106.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **101.5** Bottom (m): **101.5**  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m): **106.7**  
 Perforated How: **Unknown**  
 from (m): **89.3** to **101.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	876.1	Shale Sandy Brown
18.3	870.0	Shale & Sandstone Sandy Brown
27.4	860.8	Shale Brown
33.5	854.7	Shale Gray
39.6	848.7	Shale & Sandstone Gray
42.7	845.6	Shale Brown
48.8	839.5	Shale Brownish Gray
53.3	834.9	Shale Gray
61.0	827.3	Sandstone Sandy Brownish Gray
67.1	821.2	Sand Gray
70.1	818.2	Sand Brownish Gray
96.0	792.3	Shale Gray
97.5	790.7	Shale & Sandstone Sandy Gray
106.7	781.6	Sandstone Sandy Gray

Laboratory:		<b>24 Jan 81</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>1000</b>	SAR	Nickel
TDS	<b>606.0</b>	TKN	Selenium
Sodium	<b>212.06</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>15.03</b>	TN	Vanadium
Magnesium	<b>12.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>614.98</b>	Arsenic	Total Hardness <b>87.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>61.00</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.13</b>	Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>505.0</b>
Silica	<b>7.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 01-051-08 W5M**

Well Number **06300**

Well Owner: **Gordon, Lyle**

Elevation (AMSL) (m): **879**

AEP: **378835**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-3,735.85**

Date Started: **31 Jul 95**

Northing: **5,911,161.00**

Date Completed: **02 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **57.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **94.5**  
 Perforated How: **Machine**  
 from (m): **57.9** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **83.8** Drawdown (m): **26.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	873.3	Clay
9.8	869.0	Sandstone Brown
13.1	865.7	Shale Light Gray
39.6	839.2	Sandstone Sandy Brown
48.8	830.0	Sandstone White
53.6	825.1	Sandstone Brown
70.7	808.1	Shale Gray
94.5	784.3	Shale Mixed

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 01-051-08 W5M**

Well Number **06301**

Well Owner: **Lyon, R**

Elevation (AMSL) (m): **879**

AEP: **422827**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **-3,735.85**

Date Started: **20 Nov 76**

Northing: **5,911,161.00**

Date Completed: **05 Dec 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Stock**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Torch**  
 from (m): **73.2** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **64.0** Drawdown (m): **3.1**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	877.6	Clay
18.6	860.2	Sandstone
25.0	853.8	Shale
42.7	836.1	Sandstone
48.5	830.3	Shale
79.2	799.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

02-02-051-08 W5M

Well Number 06302

Well Owner: **Yurchak, S**

Elevation (AMSL) (m): **841**

AEP: **422834**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-4,552.58**

Date Started:

Northing: **5,910,784.00**

Date Completed: **29 Apr 63**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **38.1** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	837.6	Clay
18.3	822.3	Shale
21.3	819.3	Shale & Sandstone
24.4	816.3	Shale
30.5	810.2	Sand & Shale
33.5	807.1	Sandstone
36.6	804.1	Sand Water Bearing
48.8	791.9	Shale
57.9	782.7	Sand

Laboratory: **01 Dec 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>540.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>320.00</b>
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>19.85</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>450.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 02-051-08 W5M**

Well Number **06303**

Well Owner: **Yurchak, S**

Elevation (AMSL) (m): **845**

AEP: **422839**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-4,174.55**

Date Started:

Northing: **5,911,729.50**

Date Completed: **08 Dec 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **70.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): **28.4** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.0**  
 Perforated How: **Torch**  
 from (m): **51.2** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould10ej07412** Intake (m):

**Testing:**  
 Rate (lpm): **73.0** Time (minute): **240.0**  
 Level End (m): **27.4** Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	839.4	Clay
18.3	827.2	Clay & Boulders
21.9	823.5	Clay Sandy Brown
24.4	821.1	Sand Brownish Gray
27.4	818.0	Sand Gray
32.3	813.2	Shale & Sandy Stringers Gray
48.8	796.7	Shale Gray
61.0	784.5	Shale & Sandy Stringers
65.8	779.6	Shale Gray
68.6	776.9	Sand Gray
70.1	775.4	Shale Gray

Laboratory: **24 Jan 84**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>141.0</b>	SAR	Nickel
TDS	<b>85.00</b>	TKN	Selenium
Sodium	<b>32.89</b>	Nitrate	Strontium
Potassium	<b>0.39</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>89.07</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron		Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity
Silica	<b>2.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-051-08 W5M**

Well Number **06329**

Well Owner: **Turnbull, D**

Elevation (AMSL) (m): **817**

AEP: **422989**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-5,633.71**

Date Started:

Northing: **5,913,361.00**

Date Completed: **01 Apr 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **73.0** Time (minute): **240.0**  
 Level End (m): **19.8** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	795.4			Clay
47.2	769.4			Clay Sandy
51.8	764.9			Gravel
68.6	748.1			Shale Gray
70.1	746.6			Sand & Sandstone Interbedded
73.2	743.5			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 10-051-08 W5M**

Well Number **06330**

Well Owner: **Mahan, F E**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **812**  
 Licence No.:  
 Date Started:  
 Date Completed: **26 Jul 61**

AEP: **422986**  
 Easting: **-6,475.32**  
 Northing: **5,912,861.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **60.0**  
 Level End (m): **9.1** Drawdown (m): **5.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
35.0	777.4	Clay
46.6	765.8	Sand
47.2	765.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-051-08 W5M**

Well Number **06331**

Well Owner: **Becker, Linda/Myers, Lee**

Elevation (AMSL) (m): **818**

AEP: **399300**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **-5,190.52**

Date Started: **24 Aug 94**

Northing: **5,913,387.50**

Date Completed: **24 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **49.1** to **49.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.6** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **47.6** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **159.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.6**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **136.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.8	798.0	Clay
24.7	793.1	Clay Sandy
34.8	783.1	Sand & Rocks
45.1	772.7	Clay
47.6	770.3	Gravel
54.9	763.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-12-051-08 W5M

Well Number 06332

Well Owner: **Amoco #3 Challenger**

Elevation (AMSL) (m): **895**

AEP: **423004**

Drilling Contractor: *All Rite Drilling Ltd.*

Licence No.:

Easting: **-2,741.53**

Date Started: **15 Aug 79**

Northing: **5,912,851.00**

Date Completed: **15 Aug 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **82.3** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **61.0** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Webtrol 8** Intake (m): **62.5**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **62.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	888.9	Clay
30.5	864.5	Shale
33.5	861.5	Sandstone
61.0	834.0	Shale
67.1	827.9	Sandstone
82.3	812.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

07-12-051-08 W5M

Well Number 06333

Well Owner: **Amoco #3 Challenger Rig**

Elevation (AMSL) (m): **886**

AEP: **423001**

Drilling Contractor: *All Rite Drilling Ltd.*

Licence No.:

Easting: **-2,743.88**

Date Started: **16 Aug 79**

Northing: **5,912,738.35**

Date Completed: **16 Aug 79**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth: **152.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                                      Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                                      Drawdown (m):  
 Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	879.5			Clay
30.5	855.1			Sandstone
61.0	824.7			Shale
121.9	763.7			Shale Blue
152.4	733.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

12-12-051-08 W5M

Well Number 06334

Well Owner: **Norcen Energy Res Ltd #105**

Elevation (AMSL) (m): **850**

AEP: **423019**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,574.11**

Date Started: **28 Feb 78**

Northing: **5,913,150.66**

Date Completed: **01 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 13 Mar 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 12-051-08 W5M**

Well Number **06335**

Well Owner: **Chipchase, C**

Elevation (AMSL) (m): **899**

AEP: **422993**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,539.04**

Date Started: **10 Apr 75**

Northing: **5,912,669.50**

Date Completed: **03 Nov 87**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **109.7** (m)  
 NPWL (m): **58.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.0**  
 Perforated How: **Torch**  
 from (m): **51.8** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **64.0** Drawdown (m): **5.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	892.8	Clay
12.2	886.7	Clay & Boulders
18.3	880.6	Shale Brown
21.3	877.6	Shale Sandy Brown
24.4	874.5	Shale Brownish Gray
36.6	862.3	Shale Gray
42.7	856.2	Shale & Sandstone Sandy Gray
54.9	844.0	Sandstone Sandy Gray
61.0	837.9	Sand Gray
64.0	834.9	Sandstone Sandy Gray
71.6	827.3	Sand Gray
73.2	825.7	Shale Gray
75.0	823.9	Old Well
80.8	818.1	Shale Gray
86.0	812.9	Sand Gray
96.0	802.9	Shale Gray
100.6	798.3	Sand Gray
106.7	792.2	Shale Dark Gray
109.7	789.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-13-051-08 W5M

Well Number 06336

Well Owner: **Burton, R**

Elevation (AMSL) (m): **879**

AEP: **423016**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-3,774.49**

Date Started: **18 Aug 81**

Northing: **5,914,072.50**

Date Completed: **19 Aug 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **50.0**  
 Perforated How: **Torch**  
 from (m): **43.9** to **50.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **60.0**  
 Level End (m): **42.7** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	870.7	Clay
18.9	860.1	Shale Blue
20.7	858.2	Sandstone Blue
32.0	847.0	Shale Blue
38.4	840.6	Sandstone Green
40.2	838.7	Shale Blue
46.9	832.0	Sandstone Blue
61.0	818.0	Shale Blue
78.0	801.0	Sandstone Blue
88.4	790.6	Shale Blue
94.5	784.5	Sandstone Blue
97.5	781.4	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

03-13-051-08 W5M

Well Number 06337

Well Owner: **Oddie, Jo**

Elevation (AMSL) (m): **906**

AEP: **356879**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,150.00**

Date Started:

Northing: **5,914,014.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth: **50.3** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



**NW 13-051-08 W5M**

Well Number **06338**

Well Owner: **Toews, J**

Elevation (AMSL) (m): **875**

AEP: **423018**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-3,684.30**

Date Started: **02 Jun 75**

Northing: **5,914,971.50**

Date Completed: **03 Jun 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **31.4**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	865.9	Clay Light
11.6	863.5	Clay Blue
17.1	858.0	Sandstone
21.3	853.7	Clay Dark
31.4	843.6	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-051-08 W5M**

Well Number **06339**

Well Owner: **Burton, R L**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **912**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **423015**  
 Easting: **-2,525.68**  
 Northing: **5,914,028.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Feb 82**

pH (pH unit) <b>8.52</b>	COD	Mercury
Cond. (µS/cm) <b>1000</b>	SAR	Nickel
TDS <b>646.0</b>	TKN	Selenium
Sodium <b>90.85</b>	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>127.05</b>	TN	Vanadium
Magnesium <b>28.94</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>436.00</b>
Aluminum	Barium	Manganese
Sulphate <b>48.99</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride <b>0.21</b>	Chromium	Amm. Nitrogen
Iron <b>0.02</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>550.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 13-051-08 W5M**

Well Number **06340**

Well Owner: **Toews, G**

Elevation (AMSL) (m): **912**

AEP: **423009**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,525.68**

Date Started:

Northing: **5,914,028.50**

Date Completed: **02 Jun 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **109.7** (m)  
 NPWL (m): **70.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **89.6**  
 Perforated How: **Torch**  
 from (m): **51.2** to **64.0** Size:  
 from (m): **78.3** to **89.6** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **88.4** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	909.0	Clay & Boulders
9.1	902.9	Clay
15.2	896.8	Shale Brownish Gray
21.3	890.7	Sand Brown
25.9	886.1	Sand Brownish Gray
36.6	875.5	Shale Gray
42.7	869.4	Sandstone & Clay Strg'S Sandy
45.7	866.3	Sand Gray
50.3	861.8	Sand Brown
53.3	858.7	Shale Gray
59.4	852.6	Sandstone Sandy Gray
61.0	851.1	Sand
67.1	845.0	Sand Gray
74.7	837.4	Shale Gray
79.2	832.8	Sand & Sandstone Interbedded
91.4	820.6	Sand Gray
94.5	817.6	Sandstone Sandy
97.5	814.5	Shale Gray
103.6	808.4	Shale & Sandstone Sandy
109.7	802.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-051-08 W5M**

Well Number **06341**

Well Owner: **Tourneur, W**

Elevation (AMSL) (m): **912**

AEP: **423014**

Licence No.:

Easting: **-2,525.68**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Date Started: **01 Aug 86**

Northing: **5,914,028.50**

Date Completed: **01 Aug 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **61.0** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Pushed**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **61.0**  
 Perforated How: **Torch**  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **4** Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **12.2**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	909.3	Clay
3.1	909.0	Gravel
24.4	887.7	Shale Mixed
27.7	884.3	Sandstone Water Bearing White
32.0	880.1	Shale Gray
33.5	878.5	Shale Blue
36.0	876.1	Sandstone Water Bearing White
39.6	872.4	Shale Blue
45.7	866.3	Sandstone Water Bearing White
48.8	863.3	Shale Gray
61.0	851.1	Shale Blue

Laboratory: **25 Sep 86**

pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>826.0</b>	SAR	Nickel
TDS	<b>460.0</b>	TKN	Selenium
Sodium	<b>88.09</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>29.06</b>	TN	Vanadium
Magnesium	<b>49.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>539.94</b>	Arsenic	Total Hardness <b>273.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.98</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>1.56</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>443.0</b>
Silica	<b>12.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-051-08 W5M**

Well Number **06342**

Well Owner: **Tourneur, W**

Elevation (AMSL) (m): **906**

AEP: **423012**

Licence No.:

Easting: **-2,540.91**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Date Started: **10 Apr 86**

Northing: **5,914,150.54**

Date Completed: **11 Apr 86**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	898.5	Clay Sandy
29.0	876.8	Shale Gray
29.3	876.5	Sandrock Gray
33.5	872.3	Shale Gray
35.0	870.7	Shale Green
39.9	865.9	Sandstone Gray
44.2	861.6	Shale Gray
48.8	857.0	Shale Green
51.2	854.6	Shale Blue
61.0	844.8	Sandstone Light Gray
67.1	838.7	Shale Gray
68.9	836.9	Shale Blue
70.1	835.7	Shale Gray
72.5	833.3	Sandstone Gray
73.5	832.3	Shale Gray
74.7	831.1	Shale Blue
85.3	820.5	Sandstone White
98.8	807.0	Sandstone Mixed
110.9	794.9	Shale Blue
115.8	790.0	Sandstone Gray
121.9	783.9	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 13-051-08 W5M**

Well Number **06343**

Well Owner: **Cropley, Robert**

Elevation (AMSL) (m): **899**

AEP: **354041**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,540.00**

Date Started: **26 Sep 89**

Northing: **5,914,286.00**

Date Completed: **26 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **68.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **52.4** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **71.3** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **74.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.4	895.7	Clay
10.4	888.7	Sand & Shale Brown
16.8	882.3	Sand See Comments Brown
19.2	879.8	Shale Gray
20.7	878.3	Shale Brown
23.2	875.9	Sand Brown
24.1	874.9	Sandstone Hard Gray
26.5	872.5	Sand Brown
31.7	867.3	Shale Gray
36.0	863.1	Sand Brown
43.6	855.4	Shale Gray
45.4	853.6	Sandstone See Comments Gray
46.3	852.7	Shale Gray
47.6	851.5	Shale Sandy Gray
50.0	849.0	Shale Green
51.8	847.2	Sand Fine Grained Gray
54.0	845.1	Shale Gray
54.9	844.2	Sandstone See Comments Gray
59.1	839.9	Shale Gray
59.7	839.3	Shale Brown
66.1	832.9	Sand Brownish Gray
66.4	832.6	Sandstone Gray
82.0	817.0	Sandstone See Comments Gray
85.3	813.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 13-051-08 W5M**

Well Number **06344**

Well Owner: **Murray, Dale**

Elevation (AMSL) (m): **899**

AEP: **366107**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,540.00**

Date Started: **19 Aug 92**

Northing: **5,914,286.00**

Date Completed: **19 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **89.9** (m)  
 NPWL (m): **59.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **89.9**  
 Perforated How: **Machine**  
 from (m): **79.2** to **89.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 7g07412** Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **16.5**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	894.1	Clay Sandy Brown
7.3	891.7	Sand & Sandstone Brown
11.3	887.7	Shale Sandy Brown
20.7	878.3	Sand & Sandstone Brown
25.6	873.4	Shale Gray
28.0	871.0	Shale Sandy Gray
31.7	867.3	Shale Green
38.1	860.9	Sand & Shale Gray
42.1	857.0	Shale Gray
44.5	854.5	Shale Sandy Brown
61.3	837.8	Sand & Sandstone Brown
68.9	830.1	Shale Gray
75.6	823.4	Shale Sandy Gray
78.0	821.0	Shale Gray
82.3	816.7	Sand Brownish Gray
85.6	813.4	Shale Gray
89.9	809.1	Sand & Sandstone Brownish Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-051-08 W5M**

Well Number **06345**

Well Owner: **Murry, D**

Elevation (AMSL) (m): **899**

AEP: **423017**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-3,540.00**

Date Started: **13 Aug 80**

Northing: **5,914,286.00**

Date Completed: **14 Aug 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **56.1**  
 Perforated How: **Not Applicable**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **60.0**  
 Level End (m): **48.8** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	888.1	Clay
16.8	882.3	Sand Silty
20.1	878.9	Shale
25.9	873.1	Shale Green
28.0	871.0	Sandstone Blue
30.2	868.9	Shale Mixed
47.2	851.8	Sandstone Mixed
54.9	844.2	Shale Blue
60.4	838.7	Sandstone Blue
67.1	832.0	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



01-14-051-08 W5M

Well Number 06346

Well Owner: **Mohr, R**

Elevation (AMSL) (m): **875**

AEP: **423021**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,903.78**

Date Started:

Northing: **5,914,034.50**

Date Completed: **06 Jul 65**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Auger**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **5.5** Bottom (m): **5.5**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **27.4** Time (minute):  
 Level End (m): **38.1** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	870.6		Clay
24.4	850.8		Shale
27.4	847.8		Sand
30.5	844.7		Sand & Sandstone
36.6	838.6		Shale
39.6	835.6		Sand & Shale
42.7	832.5		Sand
44.2	831.0		Sand & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-051-08 W5M**

Well Number **06347**

Well Owner: **Mohr, R**

Elevation (AMSL) (m): **875**

AEP: **423020**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-3,903.59**

Date Started: **08 Sep 83**

Northing: **5,914,029.50**

Date Completed: **08 Sep 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **29.0** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **182.4** Time (minute): **60.0**  
 Level End (m): **24.4** Drawdown (m): **5.2**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	869.1			Clay & Rocks
9.1	866.1			Sandstone Brown
21.3	853.9			Clay
26.2	849.0			Sand & Gravel Silty
29.0	846.3			Sandstone Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 14-051-08 W5M**

Well Number **06348**

Well Owner: **Meggitt, R**

Elevation (AMSL) (m): **828**

AEP: **423022**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **-4,933.92**

Date Started: **13 Jun 77**

Northing: **5,914,550.50**

Date Completed: **14 Jun 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): Bottom (m):  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

Depth (m)	Elevation (AMSL) (m)	Lithologic Description
3.4	824.2	Clay Light
15.9	811.7	Clay Dark
24.4	803.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-16-051-08 W5M

Well Number 06351

Well Owner: #G163

Elevation (AMSL) (m): 803

AEP: 423026

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -7,252.72

Date Started:

Northing: 5,914,740.16

Date Completed: 23 Apr 54

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **13.7** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Unknown**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 22-051-08 W5M**

Well Number **06369**

Well Owner: **Bush, W**

Elevation (AMSL) (m): **816**

AEP: **423044**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-6,000.19**

Date Started:

Northing: **5,916,635.00**

Date Completed: **11 Aug 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **22.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **48.8**  
 Perforated How: **Unknown**  
 from (m): **39.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Beatty** Intake (m):

**Testing:**

Rate (lpm): **73.0** Time (minute):  
 Level End (m): **47.6** Drawdown (m): **25.3**  
 Rec'd intake (m): **31.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	803.4			Clay Sandy Brown
15.2	800.4			Sand Brown
21.3	794.3			Shale & Sandstone Sandy Brown
27.4	788.2			Sand Brown
33.5	782.1			Shale & Sandstone Brown
35.0	780.6			Shale Brown
45.7	769.9			Shale Gray
48.8	766.8			Shale & Sandstone Sandy
54.9	760.8			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-051-08 W5M**

Well Number **06370**

Well Owner: **Schenk, A**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **802**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **423043**  
 Easting: **-5,795.46**  
 Northing: **5,916,360.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **4.6** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **27 Jul 65**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>372.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>340.00</b>
Aluminum	Barium	Manganese
Sulphate <b>31.22</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>3.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>300.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-051-08 W5M**

Well Number **06371**

Well Owner: **Schenk, D**  
 Drilling Contractor: *Other*

Elevation (AMSL) (m): **802**  
 Licence No.:  
 Date Started:  
 Date Completed: **18 Mar 71**  
 AEP: **423042**  
 Easting: **-5,795.46**  
 Northing: **5,916,360.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **44.2** (m)  
 NPWL (m): **4.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **2700.0**  
 Level End (m): **5.5** Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	798.8	Clay & Sand Brown
5.2	796.4	Sand & Gravel
12.8	788.7	Clay Blue
13.1	788.4	Gravel & Boulders White
30.5	771.1	Clay Blue
30.8	770.8	Rocks Gray
37.2	764.4	Clay Blue
37.5	764.1	Rocks Hard Gray
38.7	762.8	Clay & Gravel Interbedded Blue
43.0	758.6	Clay Blue
43.3	758.3	Gravel
43.6	758.0	Sandstone Hard
44.2	757.4	Shale & Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-23-051-08 W5M

Well Number 06372

Well Owner: Arc Th#58-74, 630

Elevation (AMSL) (m): 819

AEP: 368716

Licence No.:

Easting: -3,975.90

Drilling Contractor: Unknown Driller

Date Started:

Northing: 5,916,774.59

Date Completed: 16 Aug 74

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **243.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
4.6	814.3	Till & Clay Sandy Brown
12.2	806.7	Till & Clay Sandy Gray
22.9	796.0	Till & Clay Silty Gray
24.4	794.5	Shale Consolidated Gray
27.4	791.4	Sandstone Very Fine Grained Li
29.0	789.9	Sandstone Silty Light Gray
30.5	788.4	Shale Light Gray
35.0	783.8	Sandstone Fine Grained Gray
36.6	782.3	Shale Carbonaceous Light Green
38.1	780.8	Shale Green
45.7	773.1	Shale Greenish Gray
53.3	765.5	Sandstone Medium Grained Gray
56.4	762.5	Sandstone Light Gray
61.0	757.9	Sandstone Medium Grained Gray
62.5	756.4	Shale & Sandstone Greenish Gr
65.5	753.3	Shale Gray
86.9	732.0	Sandstone Medium Grained Gray
88.4	730.5	Shale Silty Green
105.2	713.7	Unknown
111.3	707.6	Shale Light Gray
112.8	706.1	Shale & Sandstone Medium Grain
114.3	704.6	Shale Light Gray
120.4	698.5	Shale & Sandstone Light Gray
126.5	692.4	Sandstone Silty Light Gray
131.1	687.8	Shale Silty Light Gray
132.6	686.3	Shale Greenish Gray
138.7	680.2	Shale Silty Light Gray
143.3	675.6	Shale Soft Light Gray
146.3	672.6	Shale Greenish Gray
149.3	669.5	Sandstone Silty Light Gray
150.9	668.0	Sandstone Gray
152.4	666.5	Shale & Sandstone Gray
155.4	663.4	Shale Soft Greenish Gray
157.0	661.9	Shale Soft Gray
158.5	660.4	Shale Soft Greenish Gray
161.5	655.8	Shale Carbonaceous Greenish Gr
163.1	655.8	Shale & Sandstone Soft Greenis
170.7	648.2	Shale Soft Greenish Gray
175.3	643.6	Shale Green
176.8	642.1	Shale & Coal Carbonaceous Gree
178.3	640.6	Siltstone Light Gray
179.8	639.0	Shale & Siltstone Carbonaceous
182.9	639.0	Siltstone Gray
187.4	631.4	Shale Greenish Gray
189.0	629.9	Clay & Shale Silty Greenish Gr
192.0	626.8	Sandstone Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminium	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NW 23-051-08 W5M**

Well Number **06373**

Well Owner: **Jonzson, D**

Elevation (AMSL) (m): **815**

AEP: **423045**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-5,212.40**

Date Started: **08 Mar 88**

Northing: **5,917,150.00**

Date Completed: **08 Mar 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **70.1** (m)  
 NPWL (m): **37.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **70.1**  
 Perforated How: **Machine**  
 from (m): **57.9** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **14.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	804.4	Clay Brown
32.9	782.2	Clay Silty
45.7	769.4	Clay & Boulders
46.3	768.8	Shale Gray
51.2	763.9	Sand Coarse Grained Greenish G
52.4	762.7	Sandstone Gray
53.0	762.1	Shale Dark Gray
56.7	758.4	Shale Light Green
60.0	755.1	Shale Green
61.6	753.5	Shale Gray
64.0	751.1	Sand & Shale Interbedded Gray
67.1	748.1	Sandstone Sandy Gray
70.1	745.0	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-24-051-08 W5M

Well Number 06374

Well Owner: **Norcen Energy Res Ltd #135**

Elevation (AMSL) (m): **826**

AEP: **423048**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,567.74**

Date Started: **28 Feb 78**

Northing: **5,916,775.15**

Date Completed: **01 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Industrial**  
 Completed Depth **12.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **13 Mar 78**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

02-24-051-08 W5M

Well Number 06375

Well Owner: **Texaco #25**

Elevation (AMSL) (m): **861**

AEP: **423046**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,758.40**

Date Started: **09 Jun 78**

Northing: **5,915,584.20**

Date Completed: **09 Jun 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth: **19.8** (m)

NPWL (m):                      Verified NPWL (m):

Abandonment: **Unknown**                      **07 Aug 78**

**Casing:**

Type:

Depth (m):                      Bottom (m):

OD (mm):                      Thickness (mm):

Seal Type:

from (m):                      to

**Liner:**

Type:

OD (mm):                      Thickness (mm):

Top (m):                      Bottom (m):

Perforated How:

from (m):                      to                      Size:

from (m):                      to                      Size:

from (m):                      to                      Size:

**Screen:**

Material:

OD (mm):

from (m):                      to                      Size:

from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):

Level End (m):                      Drawdown (m):

Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day

Gamma Log: **No**                      Storativity:

Aquifer Test: **No**

Project:                      Database: **1.000H**

AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 24-051-08 W5M**

Well Number **06376**

Well Owner: **Bush, J**

Elevation (AMSL) (m): **846**

AEP: **423049**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,306.70**

Date Started: **02 Sep 86**

Northing: **5,917,138.00**

Date Completed: **02 Sep 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **51.5**  
 Perforated How: **Machine**  
 from (m): **39.6** to **51.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould7eh07412** Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **33.5** Drawdown (m): **12.2**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	8.2	837.4		Clay Silty
	11.6	834.0		Shale Brown
	21.0	824.6		Shale Sandy Brown
	32.9	812.7		Sandstone Sandy Brown
	38.4	807.2		Shale Gray
	39.3	806.3		Sandstone Gray
	43.3	802.3		Shale Gray
	47.6	798.1		Shale & Sandstone Gray
	48.8	796.9		Sand & Shale Gray
	50.3	795.3		Shale Gray
	50.9	794.7		Sandstone Gray
	51.5	794.1		Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-051-08 W5M**

Well Number **06377**

Well Owner: **Vanderwell, W**

Elevation (AMSL) (m): **846**

AEP: **423050**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,306.70**

Date Started: **07 Jun 89**

Northing: **5,917,138.00**

Date Completed: **07 Jun 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **36.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.4** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **38.1** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **11.0**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	840.1			Clay Silty Brown
7.9	837.7			Shale Brown
10.4	835.3			Clay & Shale Interbedded
15.5	830.1			Sand Loose Gray
19.2	826.4			Shale Gray
20.1	825.5			Sandstone Gray
24.1	821.5			Sand Brownish Gray
25.6	820.0			Shale Gray
32.3	813.3			Sand & Sandstone Gray
36.9	808.7			Shale Gray
39.0	806.6			Sand & Sandstone Gray
40.2	805.4			Shale Light Gray
41.5	804.2			Shale Sandy Gray
43.9	801.7			Sand & Sandstone Gray
45.1	800.5			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-051-08 W5M**

Well Number **06378**

Well Owner: **Chambers, F**

Elevation (AMSL) (m): **818**

AEP: **423047**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-3,648.29**

Date Started:

Northing: **5,917,127.00**

Date Completed: **07 Jul 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **24.4** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Stainless Steel**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **22.3**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **273.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	808.7	Clay
12.2	805.7	Sand & Gravel
15.2	802.6	Sand Unreadable
18.3	799.6	Clay & Boulders
21.3	796.5	Shale Green
24.4	793.5	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 24-051-08 W5M**

Well Number **06379**

Well Owner: **Mortimer, Eric**

Elevation (AMSL) (m): **860**

AEP: **406035**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,437.70**

Date Started: **01 May 95**

Northing: **5,915,915.50**

Date Completed: **01 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.3** Bottom (m): **39.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.1** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **42.1** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **1.5**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	855.9	Clay Sandy Brown
10.4	849.2	Clay Sandy Gray
14.0	845.5	Shale Gray
15.9	843.7	Clay Sandy Gray
16.5	843.1	Sand Loose Brown
19.2	840.4	Clay Sandy Gray
25.0	834.6	Shale Sandy Brown
25.6	834.0	Sandstone Gray
30.8	828.8	Sand Brown
31.1	828.5	Sandstone Gray
32.3	827.3	Sand Fine Grained Gray
36.9	822.7	Shale Gray
40.8	818.7	Shale Green
41.5	818.1	Shale Green
51.2	808.4	Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

06-25-051-08 W5M

Well Number 06380

Well Owner: #115

Elevation (AMSL) (m): 818

AEP: 423068

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 17 Aug 78

Northing: 5,917,587.13

Date Completed: 22 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 02 Sep 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



06-25-051-08 W5M

Well Number 06381

Well Owner: #116

Elevation (AMSL) (m): 818

AEP: 423066

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 17 Aug 78

Northing: 5,917,587.13

Date Completed: 22 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 02 Sep 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-25-051-08 W5M

Well Number 06382

Well Owner: #130

Elevation (AMSL) (m): 818

AEP: 423064

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 18 Aug 78

Northing: 5,917,587.13

Date Completed: 23 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Drilled**  
Well Use: **Industrial**  
Completed Depth **18.3** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Plug & Cement**      **02 Sep 78**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                                      Database: **1.000H**  
AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-25-051-08 W5M

Well Number 06383

Well Owner: #131

Elevation (AMSL) (m): 818

AEP: 423065

Licence No.:

Easting: -3,158.58

Drilling Contractor: Unknown Driller

Date Started: 18 Aug 78

Northing: 5,917,587.13

Date Completed: 23 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m):                      Verified NPWL (m):

Abandonment: **Plug & Cement**                      **02 Sep 78**

**Casing:**

Type:

Depth (m):                      Bottom (m):

OD (mm):                      Thickness (mm):

Seal Type:

from (m):                      to

**Liner:**

Type:

OD (mm):                      Thickness (mm):

Top (m):                      Bottom (m):

Perforated How:

from (m):                      to                      Size:

from (m):                      to                      Size:

from (m):                      to                      Size:

**Screen:**

Material:

OD (mm):

from (m):                      to                      Size:

from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):

Level End (m):                      Drawdown (m):

Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day

Gamma Log: **No**                      Storativity:

Aquifer Test: **No**

Project:                      Database: **1.000H**

AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-25-051-08 W5M

Well Number 06384

Well Owner: #132

Elevation (AMSL) (m): 818

AEP: 423067

Licence No.:

Easting: -3,158.58

Drilling Contractor: Unknown Driller

Date Started: 18 Aug 78

Northing: 5,917,587.13

Date Completed: 23 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 02 Sep 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

06-25-051-08 W5M

Well Number 06385

Well Owner: #133

Elevation (AMSL) (m): 818

AEP: 423070

Licence No.:

Easting: -3,158.58

Drilling Contractor: Unknown Driller

Date Started: 18 Aug 78

Northing: 5,917,587.13

Date Completed: 23 Aug 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 02 Sep 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

---25-051-08 W5M

Well Number **06386**

Well Owner: **Amoco #193**

Elevation (AMSL) (m): **816**

AEP: **423082**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,953.84**

Date Started: **18 Feb 78**

Northing: **5,917,790.96**

Date Completed: **18 Feb 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 20 Feb 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

---25-051-08 W5M

Well Number **06387**

Well Owner: **Amoco #197**

Elevation (AMSL) (m): **816**

AEP: **423081**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,953.84**

Date Started: **18 Feb 78**

Northing: **5,917,790.96**

Date Completed: **18 Feb 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 20 Feb 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

06-25-051-08 W5M

Well Number 06388

Well Owner: Amoco #275

Elevation (AMSL) (m): 818

AEP: 423062

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 07 Jul 80

Northing: 5,917,587.13

Date Completed: 19 Jul 80

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Drilled**  
Well Use: **Industrial**  
Completed Depth **17.1** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **19 Jul 80**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27



06-25-051-08 W5M

Well Number 06389

Well Owner: Amoco #277

Elevation (AMSL) (m): 818

AEP: 423069

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 07 Jul 80

Northing: 5,917,587.13

Date Completed: 04 Aug 80

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Drilled**  
Well Use: **Industrial**  
Completed Depth **18.0** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **19 Aug 80**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-25-051-08 W5M

Well Number 06390

Well Owner: Amoco #279

Elevation (AMSL) (m): 818

AEP: 423063

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,158.58

Date Started: 23 Jul 80

Northing: 5,917,587.13

Date Completed: 04 Aug 80

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Drilled**  
Well Use: **Industrial**  
Completed Depth **18.0** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Bassani Plug**                      **19 Aug 80**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
Level End (m):                      Drawdown (m):  
Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

03-25-051-08 W5M

Well Number 06391

Well Owner: Amoco #297

Elevation (AMSL) (m): 819

AEP: 423057

Drilling Contractor: Unknown Driller

Licence No.:

Easting: -3,170.32

Date Started: 25 Jul 73

Northing: 5,917,168.29

Date Completed: 17 Aug 73

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **24.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 17 Aug 73**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

02-25-051-08 W5M

Well Number 06392

Well Owner: **Amoco #300**

Elevation (AMSL) (m): **834**

AEP: **423054**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,758.50**

Date Started: **25 Jul 73**

Northing: **5,917,193.99**

Date Completed: **30 Jul 73**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Industrial**  
 Completed Depth **24.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **17 Aug 73**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

09-25-051-08 W5M

Well Number 06393

Well Owner: **Balfour, R**

Elevation (AMSL) (m): **819**

AEP: **423075**

Drilling Contractor: *Darragh Lee*

Licence No.:

Easting: **-2,395.17**

Date Started: **23 Apr 80**

Northing: **5,918,073.00**

Date Completed: **24 Apr 80**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **45.7** (m)  
NPWL (m): **18.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **39.0** Bottom (m): **39.0**  
OD (mm): **114.3** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **32.0**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **540.0**  
Level End (m): **35.0** Drawdown (m): **16.8**  
Rec'd intake (m): **38.1** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	814.4	Clay Brown
9.1	809.8	Clay Blue
11.6	807.4	Sandstone Brown
15.2	803.7	Shale Blue
22.9	796.1	Shale Gray
32.0	786.9	Shale Blue
33.5	785.4	Shale Water Bearing
38.1	780.8	Shale Blue
42.7	776.3	Shale Water Bearing
44.2	774.7	Shale Blue
45.7	773.2	Shale Water Bearing

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-25-051-08 W5M

Well Number 06394

Well Owner: **Chevron #313**

Elevation (AMSL) (m): **832**

AEP: **423056**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,327.16**

Date Started: **16 Jul 77**

Northing: **5,917,576.56**

Date Completed: **08 Aug 77**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **22.9** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 08 Aug 77**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-25-051-08 W5M

Well Number 06395

Well Owner: **Chevron #314**

Elevation (AMSL) (m): **832**

AEP: **423055**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,327.16**

Date Started: **16 Jul 77**

Northing: **5,917,576.56**

Date Completed: **08 Aug 77**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Industrial**  
 Completed Depth **22.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **08 Aug 77**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

10-25-051-08 W5M

Well Number 06396

Well Owner: **Chevron #315**

Elevation (AMSL) (m): **815**

AEP: **423078**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,749.11**

Date Started: **16 Jul 77**

Northing: **5,917,994.80**

Date Completed: **19 Jul 77**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Industrial**  
 Completed Depth **22.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **08 Aug 77**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



05-25-051-08 W5M

Well Number 06397

Well Owner: **Norcen #143**

Elevation (AMSL) (m): **814**

AEP: **423059**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,556.31**

Date Started: **28 Feb 78**

Northing: **5,917,598.28**

Date Completed: **01 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 13 Mar 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

05-25-051-08 W5M

Well Number 06398

Well Owner: **Norcen #147**

Elevation (AMSL) (m): **814**

AEP: **423061**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,556.31**

Date Started: **28 Feb 78**

Northing: **5,917,598.28**

Date Completed: **01 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 13 Mar 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

03-25-051-08 W5M

Well Number 06399

Well Owner: **Norcen #241**

Elevation (AMSL) (m): **819**

AEP: **423060**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,170.32**

Date Started: **27 Feb 78**

Northing: **5,917,168.29**

Date Completed: **28 Feb 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 13 Mar 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-25-051-08 W5M

Well Number 06400

Well Owner: **Norcen #243**

Elevation (AMSL) (m): **817**

AEP: **423058**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,568.06**

Date Started: **27 Feb 78**

Northing: **5,917,179.45**

Date Completed: **28 Feb 78**

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Industrial**  
 Completed Depth **18.3** (m)  
 NPWL (m): \_\_\_\_\_ Verified NPWL (m): \_\_\_\_\_  
 Abandonment: **Bassani Plug** **12 Mar 78**

**Casing:**  
 Type: \_\_\_\_\_  
 Depth (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Seal Type: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Liner:**  
 Type: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_ Thickness (mm): \_\_\_\_\_  
 Top (m): \_\_\_\_\_ Bottom (m): \_\_\_\_\_  
 Perforated How:  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Screen:**  
 Material: \_\_\_\_\_  
 OD (mm): \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_  
 from (m): \_\_\_\_\_ to \_\_\_\_\_ Size: \_\_\_\_\_

**Open Hole:**  
 from (m): \_\_\_\_\_ to \_\_\_\_\_

**Pump:**  
 Model: \_\_\_\_\_ Intake (m): \_\_\_\_\_

**Testing:**  
 Rate (lpm): \_\_\_\_\_ Time (minute): \_\_\_\_\_  
 Level End (m): \_\_\_\_\_ Drawdown (m): \_\_\_\_\_  
 Rec'd intake (m): \_\_\_\_\_ Rec'd Rate (lpm): \_\_\_\_\_

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: \_\_\_\_\_ m<sup>2</sup>/day  
 Gamma Log: **No** Storativity: \_\_\_\_\_  
 Aquifer Test: **No**  
 Project: \_\_\_\_\_ Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

12-25-051-08 W5M

Well Number 06401

Well Owner: **Norcen #246**

Elevation (AMSL) (m): **812**

AEP: **423088**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-3,576.95**

Date Started: **27 Feb 78**

Northing: **5,918,006.27**

Date Completed: **28 Feb 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 12 Mar 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

02-25-051-08 W5M

Well Number 06402

Well Owner: **Norcen #436**

Elevation (AMSL) (m): **834**

AEP: **423053**

Licence No.:

Easting: **-2,758.50**

Drilling Contractor: *Unknown Driller*

Date Started: **14 Dec 78**

Northing: **5,917,193.99**

Date Completed:

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 15 Dec 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

01-25-051-08 W5M

Well Number 06403

Well Owner: **Pipke, E**

Elevation (AMSL) (m): **836**

AEP: **423052**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,393.44**

Date Started:

Northing: **5,917,431.50**

Date Completed: **21 Nov 70**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Stock**  
Completed Depth **44.2** (m)  
NPWL (m): **13.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **24.4** Bottom (m): **24.4**  
OD (mm): **114.3** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **41.1** Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	832.8			Clay & Sandstone Brown
24.4	811.4			Sand Brown
27.4	808.4			Shale Brown
44.2	791.6			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-25-051-08 W5M

Well Number 06404

Well Owner: **Shell #441b**

Elevation (AMSL) (m): **822**

AEP: **423072**

Licence No.:

Easting: **-2,351.38**

Drilling Contractor: *Unknown Driller*

Date Started: **11 Feb 78**

Northing: **5,917,983.65**

Date Completed:

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **11.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



10-25-051-08 W5M

Well Number 06405

Well Owner: Shell #442

Elevation (AMSL) (m): 815

AEP: 423079

Licence No.:

Easting: -2,749.11

Drilling Contractor: Unknown Driller

Date Started: 11 Feb 78

Northing: 5,917,994.80

Date Completed: 12 Apr 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **11.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 12 Apr 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

09-25-051-08 W5M

Well Number 06406

Well Owner: Shell #444

Elevation (AMSL) (m): 822

AEP: 423076

Licence No.:

Easting: -2,351.38

Drilling Contractor: Unknown Driller

Date Started: 11 Feb 78

Northing: 5,917,983.65

Date Completed:

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **11.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 12 Apr 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

09-25-051-08 W5M

Well Number 06407

Well Owner: Shell #446a

Elevation (AMSL) (m): 822

AEP: 423077

Licence No.:

Easting: -2,351.38

Drilling Contractor: Unknown Driller

Date Started: 11 Feb 78

Northing: 5,917,983.65

Date Completed: 12 Apr 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **11.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 12 Apr 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

09-25-051-08 W5M

Well Number 06408

Well Owner: Shell #446b

Elevation (AMSL) (m): 822

AEP: 423073

Licence No.:

Easting: -2,351.38

Drilling Contractor: Unknown Driller

Date Started: 11 Feb 78

Northing: 5,917,983.65

Date Completed:

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth **11.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 12 Apr 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

10-25-051-08 W5M

Well Number 06409

Well Owner: **Texaco #121**

Elevation (AMSL) (m): **815**

AEP: **423080**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **-2,749.11**

Date Started: **20 Feb 82**

Northing: **5,917,994.80**

Date Completed: **21 Feb 82**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Drilled**

Well Use: **Industrial**

Completed Depth (m):

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 21 Feb 82**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 25-051-08 W5M**

Well Number **06410**

Well Owner: **Drewes, M W**

Elevation (AMSL) (m): **816**

AEP: **423074**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,382.04**

Date Started:

Northing: **5,918,306.00**

Date Completed: **05 Apr 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **30.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **42.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **51.2**  
 Perforated How: **Torch**  
 from (m): **44.8** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Beatty 8 Stage** Intake (m):

**Testing:**  
 Rate (lpm): **73.0** Time (minute): **240.0**  
 Level End (m): **30.5** Drawdown (m): **0.3**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	810.0	Clay
14.3	801.5	Clay & Boulders
24.4	791.4	Shale Green
29.9	785.9	Shale Gray
33.2	782.6	Clay & Boulders Sandy
37.8	778.0	Sand Brown
43.3	772.5	Sand Fine Grained Gray
45.7	770.1	Sand & Sandstone Interbedded G
51.8	764.0	Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-051-08 W5M**

Well Number **06411**

Well Owner: **Jans, P W**  
 Drilling Contractor: *Scott, H.A. Drilling*

Elevation (AMSL) (m): **810**  
 Licence No.:  
 Date Started:  
 Date Completed: **30 Aug 61**  
 AEP: **423071**  
 Easting: **-3,616.95**  
 Northing: **5,918,082.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **53.6** (m)  
 NPWL (m): **33.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Rod 2.5**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.9	788.2	Clay & Boulders
31.1	779.0	Quicksand
39.0	771.1	Shale
49.4	760.7	Sand & Gravel
53.6	756.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-051-08 W5M**

Well Number **06412**

Well Owner: **Pipke, E**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **823**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **423051**  
 Easting: **-2,914.14**  
 Northing: **5,917,526.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **5.8** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Nov 66**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>694.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>400.00</b>
Aluminum	Barium	Manganese
Sulphate <b>21.13</b>	Beryllium	Phosphate
Chloride <b>6.03</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.25</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>535.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 36-051-08 W5M**

Well Number **06436**

Well Owner: **Wardlow, K**

Elevation (AMSL) (m): **775**

AEP: **423153**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **-2,748.46**

Date Started: **09 Sep 86**

Northing: **5,919,322.50**

Date Completed: **09 Sep 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **57.6** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.4** Bottom (m): **42.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **39.6** Bottom (m): **57.6**  
 Perforated How: **Machine**  
 from (m): **48.8** to **57.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **240.0**  
 Level End (m): **45.7** Drawdown (m): **10.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	768.6	Clay
15.9	758.8	Clay & Boulders
24.1	750.6	Shale Brown
25.0	749.7	Shale Gray
29.3	745.4	Shale Brown
39.0	735.7	Sand & Sandstone Brown
50.6	724.1	Shale Gray
54.3	720.4	Sand Gray
55.8	718.9	Sand & Sandstone Gray
57.0	717.7	Sand Gray
57.6	717.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 02-052-01 W5M**

Well Number **06437**

Well Owner: **Tessier, Doug**

Elevation (AMSL) (m): **729**

AEP: **351083**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **64,243.43**

Date Started: **14 May 90**

Northing: **5,920,914.50**

Date Completed: **08 Aug 90**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **45.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	711.4	Sand Coarse Grained
20.4	708.1	Clay Soft Blue
24.7	703.8	Clay Silty Blue
27.1	701.4	Shale Green
28.7	699.9	Sandstone Fractured
29.6	699.0	Shale Green
31.4	697.1	Sandstone Coarse Grained
32.9	695.6	Shale Green
34.1	694.4	Shale Green
34.8	693.8	Sandstone Coarse Grained
36.0	692.6	Shale Green
36.9	691.6	Sandstone Coarse Grained
38.1	690.4	Siltstone
41.5	687.1	Shale Green
43.6	684.9	Sandstone
45.7	682.8	Shale Green
47.6	681.0	Sandstone Coarse Grained
48.2	680.4	Shale Green
50.9	677.6	Sandstone Coarse Grained
54.9	673.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

04-05-052-01 W5M

Well Number 06438

Well Owner: **Alta Env #1311e**

Elevation (AMSL) (m): **748**

AEP: **412754**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **58,258.93**

Date Started:

Northing: **5,920,914.50**

Date Completed: **08 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	742.3	Silt Lacustrine Gray
15.2	733.2	Sand Fine Grained Gray
28.0	720.4	Sand Silty Gray
35.0	713.4	Clay & Coal Sandy Dark Gray
47.2	701.2	Shale & Siltstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 06-052-01 W5M**

Well Number **06439**

Well Owner: **Charbonneau, Norm/Jodi**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **749**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356885**  
 Easting: **56,809.91**  
 Northing: **5,921,937.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-052-01 W5M**

Well Number **06440**

Well Owner: **Dunsby, Terry**

Elevation (AMSL) (m): **749**

AEP: **430903**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,603.30**

Date Started: **06 Jul 95**

Northing: **5,921,620.50**

Date Completed: **07 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **51.8** to **54.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **71.6**  
 Perforated How: **Saw**  
 from (m): **56.4** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **7.6**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	738.3	Clay Brown
22.9	726.2	Sand Clayey Brown
49.4	699.6	Clay Gray
51.8	697.2	Sandstone
56.1	692.9	Shale Gray
56.7	692.3	Sandstone
58.8	690.2	Shale Greenish Gray
59.7	689.3	Sandstone
64.0	685.0	Shale Green
64.9	684.1	Sandstone
68.9	680.1	Shale Green
70.1	678.9	Sandstone Silty
71.6	677.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-052-01 W5M**

Well Number **06441**

Well Owner: **MacLennan, Rick**

Elevation (AMSL) (m): **752**

AEP: **443845**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,945.41**

Date Started: **16 Apr 96**

Northing: **5,921,793.50**

Date Completed: **17 Apr 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **39.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **65.5** Bottom (m): **65.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **65.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **71.6** to **82.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **74.4** Drawdown (m): **35.4**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

17.1	735.4	Clay Sandy Yellow
20.4	732.0	Sand
23.8	728.7	Clay Sandy Blue
35.4	717.1	Sand
41.5	711.0	Clay Blue
48.5	704.0	Shale Gray
49.4	703.1	Shale & Coal Brown
52.1	700.3	Sandstone
53.6	698.8	Shale Green
55.5	697.0	Sandstone
60.0	692.4	Shale Green
62.2	690.3	Shale Gray
70.4	682.1	Shale Green
71.9	680.5	Sandstone
72.8	679.6	Shale Green
78.6	673.8	Sandstone
80.5	672.0	Shale Green
82.0	670.5	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

NW 06-052-01 W5M

Well Number **06442**

Well Owner: **Parent, Mernie/Gerald**

Elevation (AMSL) (m): **751**

AEP: **430949**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,921.85**

Date Started:

Northing: **5,921,730.96**

Date Completed:

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bentonite Product 13 Jul 95**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation (BGL) (AMSL) (m) (m)**

**Lithologic Description**

(No Lithologic Information Available)

Laboratory: **26 Mar 85**

pH (pH unit) <b>8.50</b>	COD		Mercury
Cond. ( $\mu$ S/cm) <b>1580</b>	SAR		Nickel
TDS <b>976.0</b>	TKN	<b>0.01</b>	Selenium
Sodium <b>390.08</b>	Nitrate	<b>0.01</b>	Strontium
Potassium <b>0.78</b>	Nitrite		Molybdenum
Calcium <b>2.00</b>	TN		Vanadium
Magnesium	TC		Zinc
Carbonate <b>18.90</b>	DIC		Hydroxide
Bicarbonate <b>804.11</b>	Arsenic		Total Hardness <b>9.00</b>
Aluminum	Barium		Manganese
Sulphate <b>166.18</b>	Beryllium		Phosphate
Chloride	Cadium		Ion Balance <b>0.99</b>
Fluoride <b>0.54</b>	Chromium		Amm. Nitrogen
Iron <b>0.18</b>	Cobalt		Total Phosphate
TOC	Copper		Total Alkalinity <b>690.0</b>
Silica <b>8.20</b>	Lead		Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 06-052-01 W5M**

Well Number **06443**

Well Owner: **Soucie, Edna**

Elevation (AMSL) (m): **748**

AEP: **364659**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **56,768.32**

Date Started: **14 Apr 88**

Northing: **5,921,987.00**

Date Completed: **14 Apr 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **66.8** Bottom (m): **66.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **66.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **67.1** to **73.2** Size:  
 from (m): **79.2** to **85.3** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **47.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
57.9	690.1			Sand
58.8	689.2			Clay & Rocks
64.6	683.4			Clay
84.1	663.9			Sandstone
85.3	662.7			Shale Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 06-052-01 W5M**

Well Number **06444**

Well Owner: **Thompson, Bruce**

Elevation (AMSL) (m): **749**

AEP: **357877**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **56,809.91**

Date Started: **10 May 91**

Northing: **5,921,937.00**

Date Completed: **10 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **60.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Hand Drill**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **47.2** Drawdown (m): **7.6**  
 Rec'd intake (m): **55.5** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	745.8			Clay Sandy
43.3	706.1			Sand Silty
51.2	698.2			Shale Blue
59.4	690.0			Sandstone
66.4	683.0			Shale Blue
69.8	679.6			Sandstone
76.2	673.2			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-052-01 W5M**

Well Number **06445**

Well Owner: **Mcgee, M.S.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366039**  
 Easting: **57,471.28**  
 Northing: **5,920,942.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **79.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-052-01 W5M**

Well Number **06446**

Well Owner: **Schlecken, Andrea**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366995**  
 Easting: **57,683.70**  
 Northing: **5,923,849.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-052-01 W5M**

Well Number **06447**

Well Owner: **Schlecker, Robert**

Elevation (AMSL) (m): **746**

AEP: **418276**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,491.20**

Date Started: **29 Sep 95**

Northing: **5,922,752.00**

Date Completed: **04 Oct 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **135.3** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **100.9** Bottom (m): **100.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **100.9**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **99.1** Bottom (m): **135.0**  
 Perforated How: **Saw**  
 from (m): **100.9** to **135.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **75.6**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **65.5** Drawdown (m): **18.0**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	721.9	Clay Sandy Yellow
30.5	715.8	Clay Blue
42.1	704.2	Sand
46.3	700.0	Clay Blue
47.2	699.1	Sand
56.4	689.9	Clay Blue
64.0	682.3	Clay & Rocks Blue
96.0	650.3	See Comments
98.8	647.6	Gravel
100.3	646.0	Sand & Gravel
102.1	644.2	Shale Green
106.4	639.9	Shale Sandy Gray
107.0	639.3	Shale Greenish Gray
107.6	638.7	Shale Sandy Gray
108.2	638.1	Shale Gray
109.7	636.6	Shale Sandy Gray
112.2	634.1	Shale Greenish Gray
119.5	626.8	Shale Sandy Gray
127.4	618.9	Shale Gray
135.3	611.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

13-08-052-01 W5M

Well Number 06448

Well Owner: **Alta Env #1314e**

Elevation (AMSL) (m): **748**

AEP: **412755**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **58,226.58**

Date Started:

Northing: **5,923,822.00**

Date Completed: **10 Oct 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.7	737.2	Silt Soft Gray
17.1	730.8	Sand & Coal Fine Grained Gray
19.8	728.1	Sand Fine Grained
47.2	700.6	Sand Silty
51.8	696.1	Silt Lacustrine Gray
56.4	691.5	Till & Clay Sandy Dark Gray
61.0	686.9	Till & Clay Gravelly Dark Gray
65.5	682.3	Till & Clay Sandy Dark Gray
70.1	677.8	Sand & Silt Oxidized Gray
74.7	673.2	Siltstone Soft Gray
83.8	664.1	Siltstone & Sandstone Gray
88.4	659.5	Siltstone Hard Gray
93.0	654.9	Siltstone & Sandstone Hard Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-01 W5M**

Well Number **06449**

Well Owner: **Rea, William Herbert**

Elevation (AMSL) (m): **738**

AEP: **356886**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,120.11**

Date Started:

Northing: **5,923,288.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **106.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 09-052-01 W5M**

Well Number **06450**

Well Owner: **Armstrong, Steven**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356887**  
 Easting: **60,406.73**  
 Northing: **5,923,950.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **74.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-052-01 W5M**

Well Number **06451**

Well Owner: **Turner, Ron Dr.**

Elevation (AMSL) (m): **738**

AEP: **396739**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,216.31**

Date Started: **12 Jul 94**

Northing: **5,923,050.00**

Date Completed: **13 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **21.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **48.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **69.5**  
 Perforated How: **Saw**  
 from (m): **48.8** to **69.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **21.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.4	709.4	Clay Silty Yellow
34.4	703.4	Clay Blue
38.4	699.4	Shale Sandy Gray
40.8	697.0	Shale Green
48.5	689.3	Sandstone
50.9	686.9	Shale Green
54.0	683.8	Shale Sandy Gray
55.5	682.3	Shale Green
60.4	677.4	Shale Sandy Gray
64.0	673.8	Shale Greenish Gray
70.1	667.7	Shale Sandy Gray
70.4	667.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 11-052-01 W5M**

Well Number **06452**

Well Owner: **Deneke, Frank**

Elevation (AMSL) (m): **733**

AEP: **404854**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,436.48**

Date Started: **21 Nov 94**

Northing: **5,922,570.00**

Date Completed: **22 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **87.8** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **46.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.8** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **57.9** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **87.8**

**Testing:**

Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **80.5** Drawdown (m): **62.5**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

8.5	724.6	Clay Sandy Yellow
12.8	720.4	Sand Silty
26.2	706.9	Sand
28.4	704.8	Shale Green
30.8	702.4	Sandstone
36.0	697.2	Shale Green
36.9	696.3	Sandstone
39.3	693.8	Shale Green
43.6	689.6	Sandstone
48.5	684.7	Shale Green
49.4	683.8	Shale Gray
53.6	679.5	Shale Green
57.6	675.6	Sandstone
59.4	673.7	Shale Gray
63.1	670.1	Sandstone
68.9	664.3	Shale Green
73.8	659.4	Sandstone
78.9	654.2	Shale Green
81.4	651.8	Sandstone
82.6	650.6	Shale Green
86.6	646.6	Sandstone
87.8	645.4	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-052-01 W5M**

Well Number **06453**

Well Owner: **Smigelski, Jim**

Elevation (AMSL) (m): **733**

AEP: **404126**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **64,436.48**

Date Started: **28 Mar 94**

Northing: **5,922,570.00**

Date Completed: **04 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **70.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **13.7** Time (minute): **360.0**  
 Level End (m): **67.1** Drawdown (m): **31.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	725.5	Clay Hard
12.2	721.0	Clay Sandy
22.9	710.3	Sand
29.0	704.2	Clay Silty
44.2	689.0	Till Sandy
53.3	679.8	Coal
66.4	666.7	Shale & Rocks
68.0	665.2	Shale Sandy Gray
71.6	661.5	Shale Gray
73.8	659.4	Shale Green
79.2	653.9	Shale Greenish Gray
80.8	652.4	Sandstone Stringers
82.9	650.3	Sandstone Dry
86.9	646.3	Shale Sandy Gray
89.9	643.2	Sandstone
91.4	641.7	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 13-052-01 W5M**

Well Number **06454**

Well Owner: **Heupel, Erich**

Elevation (AMSL) (m): **726**

AEP: **406429**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **66,011.36**

Date Started: **01 Jun 95**

Northing: **5,924,175.00**

Date Completed: **02 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **46.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.8** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **57.9** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **68.9** Drawdown (m): **53.6**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.6	711.8			Clay Sandy Yellow
17.1	709.3			Sand & Coal Yellow
18.0	708.4			Clay Yellow
26.5	699.9			Sand
28.0	698.3			Sandstone
31.4	695.0			Shale Green
33.2	693.2			Shale Gray
36.0	690.4			Shale Green
39.0	687.4			Sandstone
48.5	677.9			Shale Green
49.7	676.7			Sandstone
53.6	672.7			Shale Green
56.1	670.3			Sandstone
57.6	668.8			Shale Gray
61.9	664.5			Sandstone
66.1	660.2			Shale Green
75.0	651.4			Sandstone
76.2	650.2			Unknown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-052-01 W5M**

Well Number **06455**

Well Owner: **Lutz, Dwight**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **721**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368948**  
 Easting: **64,460.94**  
 Northing: **5,925,249.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-052-01 W5M**

Well Number **06456**

Well Owner: **Lutz, Dwight**

Elevation (AMSL) (m): **721**

AEP: **406036**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,460.94**

Date Started: **12 Oct 94**

Northing: **5,925,249.50**

Date Completed: **12 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **34.8** Bottom (m): **44.8**  
 Perforated How: **Saw**  
 from (m): **36.6** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **30.5**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **1.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	705.7			Clay Yellow
19.8	701.1			Sand & Coal
21.3	699.6			Clay Blue
25.6	695.3			Sand & Coal
29.0	692.0			Clay Blue
32.0	688.9			Shale Green
35.0	685.9			Shale Sandy Gray
38.1	682.8			Shale Green
45.4	675.5			Sandstone
45.7	675.2			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 14-052-01 W5M**

Well Number **06457**

Well Owner: **Kulak, Harry**

Elevation (AMSL) (m): **728**

AEP: **373900**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,480.03**

Date Started: **26 Oct 93**

Northing: **5,924,367.50**

Date Completed: **27 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **58.5** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): **4.6** to **42.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.8** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **45.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **58.5**

**Testing:**

Rate (lpm): **77.5** Time (minute): **240.0**  
 Level End (m): **50.3** Drawdown (m): **33.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.1	711.7			Clay Silty Yellow
27.7	700.1			Sand
28.7	699.2			Shale Green
32.6	695.3			Sandstone
36.9	691.0			Shale Green
39.0	688.9			Sandstone
47.6	680.3			Shale Green
50.0	677.9			Sandstone
52.7	675.1			Shale Green
56.4	671.5			Sandstone
58.5	669.4			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 14-052-01 W5M**

Well Number **06458**

Well Owner: **Fuhr, Russ**

Elevation (AMSL) (m): **727**

AEP: **364902**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **63,015.61**

Date Started: **14 May 92**

Northing: **5,924,111.00**

Date Completed: **14 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.6** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **43.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **14.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.4	709.2	Clay Sandy Yellow
29.9	696.7	Sand
39.3	687.2	Clay Sandy Blue
40.8	685.7	Shale Green
42.4	684.2	Sandstone
48.2	678.4	Shale Green
49.1	677.5	Sandstone
55.8	670.8	Shale Green
59.7	666.8	Sandstone
61.6	665.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 15-052-01 W5M**

Well Number **06459**

Well Owner: **Schoepp, Jim**

Elevation (AMSL) (m): **719**

AEP: **369872**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **62,807.23**

Date Started: **17 May 93**

Northing: **5,925,287.50**

Date Completed: **18 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **87.8** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **46.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.8** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **61.0** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **14.0**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	712.0			Clay Sandy Yellow
15.5	703.8			Sand Silty
25.3	694.0			Clay Sandy Blue
40.5	678.8			Sand
41.5	677.9			Clay Blue
43.0	676.3			Sandstone
46.3	673.0			Shale Green
72.2	647.1			Shale Green
76.8	642.5			Sandstone
79.2	640.1			Shale Gray
82.9	636.4			Sandstone
84.1	635.2			Shale & Coal Brown
87.8	631.5			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



02-16-052-01 W5M

Well Number 06460

Well Owner: **Laforce, Leon**

Elevation (AMSL) (m): **734**

AEP: **379467**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,622.75**

Date Started: **06 May 94**

Northing: **5,924,195.00**

Date Completed: **06 May 94**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **87.8** (m)  
NPWL (m): **29.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **71.3** Bottom (m): **71.3**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): to **71.3**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **69.8** Bottom (m): **87.8**  
Perforated How: **Saw**  
from (m): **72.8** to **87.8** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): Time (minute): **180.0**  
Level End (m): **39.6** Drawdown (m): **9.8**  
Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	720.0			Clay Sandy Yellow
28.0	706.3			Sand
31.7	702.7			Clay Sandy Yellow
49.1	685.3			Sand
60.4	674.0			Clay Blue
66.1	668.2			Sandstone
72.8	661.5			Shale Green
85.0	649.3			Sandstone
87.8	646.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-052-01 W5M**

Well Number **06461**

Well Owner: **Daniels, Fred**

Elevation (AMSL) (m): **726**

AEP: **364939**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,794.45**

Date Started: **02 Jun 92**

Northing: **5,925,043.50**

Date Completed: **08 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.9** Bottom (m): **61.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **61.9** to **63.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **10.7**  
**Testing:**  
 Rate (lpm): **95.8** Time (minute): **420.0**  
 Level End (m): **10.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	719.6	Clay Yellow
7.6	718.1	Clay Blue
27.7	698.0	Sand & Coal
37.5	688.2	Clay Blue
80.8	645.0	Clay & Sand
82.3	643.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-052-01 W5M**

Well Number **06462**

Well Owner: **Lemiski, Ken**

Elevation (AMSL) (m): **726**

AEP: **351288**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,794.45**

Date Started: **29 May 90**

Northing: **5,925,043.50**

Date Completed: **31 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **123.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **98.1** Bottom (m): **98.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **98.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **98.1** Bottom (m): **122.5**  
 Perforated How: **Machine**  
 from (m): **98.1** to **122.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
30.5	695.3	Clay Yellow
32.3	693.4	Coal
56.4	669.3	Clay Blue
61.0	664.8	Sand
66.4	659.3	Clay Blue
91.4	634.3	Clay Yellow
95.7	630.0	Gravel
96.9	628.8	Clay Blue
98.1	627.6	Shale Gray
103.6	622.1	Shale Green
109.1	616.6	Shale Sandy Gray
110.3	615.4	Shale Brown
115.8	609.9	Shale Green
118.3	607.5	Shale Sandy Gray
118.9	606.9	Shale & Coal Brown
119.8	606.0	Shale Sandy Gray
123.4	602.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 16-052-01 W5M**

Well Number **06463**

Well Owner: **Gordon, Gary**

Elevation (AMSL) (m): **732**

AEP: **365381**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **61,227.29**

Date Started: **15 Jun 92**

Northing: **5,924,647.50**

Date Completed: **16 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **98.1** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **74.4** Bottom (m): **74.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **74.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **72.5** Bottom (m): **98.1**  
 Perforated How: **Other**  
 from (m): **79.2** to **98.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **36.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	721.0	Clay Sandy Yellow
13.4	718.6	Sand
20.4	711.6	Clay Sandy Yellow
28.4	703.6	Sand
31.1	700.9	Clay Sandy Blue
34.8	697.2	Sand
58.2	673.8	Clay Blue
68.0	664.0	Sand
68.9	663.1	Shale Gray
71.3	660.7	Sandstone
75.9	656.1	Shale Green
80.5	651.5	Shale Gray
82.6	649.4	Sandstone
89.3	642.7	Shale Gray
92.7	639.3	Sandstone
94.8	637.2	Shale & Coal Brown
98.1	633.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-01 W5M**

Well Number **06464**

Well Owner: **Wadell, Glenn**

Elevation (AMSL) (m): **733**

AEP: **350498**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,261.73**

Date Started: **23 Mar 90**

Northing: **5,924,093.00**

Date Completed: **24 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **63.7** Bottom (m): **63.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **63.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **73.2**  
 Perforated How: **Hand Drill**  
 from (m): **64.0** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **50.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **136.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	731.8	Topsoil Black
42.7	690.0	Sand
43.6	689.1	Sand
56.4	676.3	Sand
61.6	671.1	Clay Sandy
66.4	666.2	Shale Green
68.9	663.8	Sandstone
71.3	661.4	Shale Green
73.2	659.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-052-01 W5M**

Well Number **06465**

Well Owner: **Wadell, Glenn**

Elevation (AMSL) (m): **733**

AEP: **354675**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,261.73**

Date Started: **22 Sep 90**

Northing: **5,924,093.00**

Date Completed: **24 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **95.4** Bottom (m): **95.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **95.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **92.4** Bottom (m): **103.6**  
 Perforated How: **Hand Drill**  
 from (m): **97.8** to **103.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **91.4**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **300.0**  
 Level End (m): **85.3** Drawdown (m): **39.6**  
 Rec'd intake (m): **92.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	729.6	Clay Sandy Yellow
13.1	719.6	Sand Fine Grained Brown
21.0	711.6	Clay Soft Yellow
28.0	704.6	Sand Coarse Grained Brown
33.8	698.8	Sand & Coal Coarse Grained Bro
46.3	686.3	Clay Silty Blue
64.0	668.7	Clay & Coal Soft Blue
65.5	667.1	Shale Green
67.4	665.3	Sandstone Fine Grained
69.5	663.2	Shale Green
78.3	654.3	Sandstone Coarse Grained Yello
80.8	651.9	Shale Gray
88.1	644.6	Sandstone Coarse Grained Yello
88.7	644.0	Sandstone Hard
94.5	638.2	Shale & Sandstone
97.8	634.8	Shale Green
100.3	632.4	Sandstone
102.4	630.3	Shale Fractured Gray
103.0	629.7	Coal
103.6	629.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-052-01 W5M**

Well Number **06466**

Well Owner: **Henderson, Adeline**

Elevation (AMSL) (m): **723**

AEP: **350344**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,551.16**

Date Started: **08 Mar 90**

Northing: **5,925,235.50**

Date Completed: **09 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **89.3** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **60.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.8** Bottom (m): **89.3**  
 Perforated How: **Other**  
 from (m): **62.5** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **73.2** Drawdown (m): **47.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.2	703.8	Clay Sandy Yellow
39.0	684.0	Sand
44.8	678.2	Clay Sandy Blue
48.2	674.8	Sand
54.3	668.7	Clay Blue
63.1	659.9	Shale Green
64.3	658.7	Sandstone
70.4	652.6	Shale Gray
73.2	649.8	Sandstone
80.8	642.2	Shale Gray
82.3	640.7	Sandstone
84.7	638.3	Shale Gray
86.6	636.4	Sandstone
89.3	633.7	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 17-052-01 W5M**

Well Number **06467**

Well Owner: **Velichko, Mike**

Elevation (AMSL) (m): **734**

AEP: **380746**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,265.96**

Date Started: **15 Jun 95**

Northing: **5,924,082.50**

Date Completed: **21 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **147.5** (m)  
 NPWL (m): **27.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **106.7** Bottom (m): **106.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **106.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **105.5** Bottom (m): **146.6**  
 Perforated How: **Saw**  
 from (m): **106.7** to **146.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **97.5**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **51.5**  
 Rec'd intake (m): **97.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
30.5	703.3	Clay Sandy Yellow
37.2	696.6	Sand & Coal
60.4	673.5	Clay Blue
62.5	671.3	Sand & Coal
67.1	666.8	Clay Blue
100.0	633.8	Clay Sandy Blue
101.2	632.6	Clay Blue
103.6	630.2	Shale Light Gray
103.9	629.9	Shale Green
104.2	629.6	Shale Sandy Gray
106.7	627.1	Shale Dark Gray
107.6	626.2	Shale Green
109.1	624.7	Shale Gray
110.3	623.5	Shale Brown
110.9	622.9	Stones Brittle
113.7	620.1	Shale Sandy Gray
114.6	619.2	Shale Brown
116.1	617.7	Shale Sandy Gray
118.6	615.3	Shale Gray
123.4	610.4	Shale Sandy Gray
130.8	603.1	Shale Green
132.0	601.8	Shale Sandy Gray
133.5	600.3	Shale Green
134.4	599.4	Coal
140.2	593.6	Shale Dark Gray
146.9	586.9	Shale Sandy Gray
147.5	586.3	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 17-052-01 W5M**

Well Number **06468**

Well Owner: **Ward, Trent**

Elevation (AMSL) (m): **735**

AEP: **366286**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,476.75**

Date Started: **17 Jun 92**

Northing: **5,924,368.50**

Date Completed: **19 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **115.8** (m)  
 NPWL (m): **40.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **92.7** Bottom (m): **92.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **92.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **91.4** Bottom (m): **115.8**  
 Perforated How: **Other**  
 from (m): **103.6** to **115.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **14.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	726.5			Clay Sandy Yellow
17.4	717.7			Sand Silty
62.8	672.3			Sand
64.3	670.7			Shale Green
84.7	650.3			Clay Blue
87.8	647.3			Sandstone
95.7	639.4			Shale Green
104.2	630.8			Shale Gray
111.9	623.2			Sandstone
115.8	619.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 18-052-01 W5M**

Well Number **06469**

Well Owner: **Butz, Bob**

Elevation (AMSL) (m): **739**

AEP: **418211**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **56,555.99**

Date Started: **28 Sep 95**

Northing: **5,925,191.50**

Date Completed: **29 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **22.9** to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **29.6** to **31.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **19.2**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	728.3			Till Brownish Yellow
17.4	721.9			Sand & Coal Brown
19.5	719.8			Till Soft Blue
22.3	717.0			Sand & Coal Brown
28.7	710.6			Till Blue
36.3	703.0			Sand & Coal Gray
54.9	684.4			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-052-01 W5M**

Well Number **06470**

Well Owner: **Papenhuyzen, Charles**

Elevation (AMSL) (m): **739**

AEP: **402541**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **56,555.99**

Date Started: **09 Mar 95**

Northing: **5,925,191.50**

Date Completed: **10 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **128.0** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **109.1** Bottom (m): **109.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **107.9** to **109.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **106.1** Bottom (m): **128.0**  
 Perforated How: **Hand Drill**  
 from (m): **110.3** to **128.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **91.4**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **85.3** Drawdown (m): **29.0**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
20.4	718.9	Till Brownish Yellow
23.8	715.5	Sand Brown
25.3	714.0	Till Brownish Yellow
29.3	710.0	Sand & Coal Gray
31.7	707.6	Till Blue
46.0	693.3	Sand & Coal Gray
50.9	688.4	Till Blue
58.8	680.5	Sand & Coal Gray
61.3	678.0	Till Blue
78.3	661.0	Sand & Coal Gray
89.9	649.4	Coal Gray
93.6	645.7	Till Blue
101.8	637.5	Gravel Cemented
107.9	631.4	Clay Hard Blue
110.9	628.3	Shale Light Gray
114.9	624.4	Sandstone Fine Grained
117.3	621.9	Shale Gray
118.6	620.7	Coal
119.2	620.1	Shale Brown
128.0	611.3	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-052-01 W5M**

Well Number **06471**

Well Owner: **538064 Alta Corp**

Elevation (AMSL) (m): **729**

AEP: **373903**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,725.73**

Date Started: **17 Nov 93**

Northing: **5,926,854.50**

Date Completed: **19 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.8** Bottom (m): **69.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **69.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **68.3** Bottom (m): **86.0**  
 Perforated How: **Saw**  
 from (m): **69.8** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **74.7**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **68.6**  
 Rec'd intake (m): **74.7** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	724.3	Clay Sandy Yellow
7.0	721.9	Clay Blue
10.7	718.2	Clay Yellow
25.9	703.0	Clay & Sand Fine Grained Yello
27.4	701.4	Clay Blue
59.4	669.4	Clay & Sand Fine Grained Blue
67.1	661.8	Clay & Rocks Blue
68.3	660.6	Gravel
71.9	656.9	Shale Green
74.1	654.8	Shale Sandy Gray
75.9	653.0	Shale Sandy Gray
77.1	651.8	Shale Gray
80.2	648.7	Shale Sandy Gray
84.1	644.7	Shale Green
84.7	644.1	Shale Brown
86.6	642.3	Shale Sandy Gray
86.9	642.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 19-052-01 W5M**

Well Number **06472**

Well Owner: **Binks, R.**

Elevation (AMSL) (m): **736**

AEP: **365312**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **57,389.64**

Date Started: **02 Jun 92**

Northing: **5,926,917.50**

Date Completed: **05 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **64.9** Bottom (m): **64.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **64.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **97.5**  
 Perforated How: **Saw**  
 from (m): **73.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi 7s4518p** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **57.6**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	730.3	Clay Brown
16.1	719.4	Sand & Coal Clayey
46.6	688.9	Clay Gray
48.2	687.4	Gravel
57.0	678.5	Clay Yellow
60.7	674.9	Shale Green
62.2	673.3	Siltstone
65.8	669.7	Shale Green
67.1	668.5	Sandstone
70.7	664.8	Shale Greenish Gray
72.2	663.3	Siltstone
73.2	662.4	Shale Gray
78.9	656.6	Sandstone
82.3	653.2	Shale Green
83.8	651.7	Siltstone
86.6	649.0	Shale Green
88.7	646.8	Sandstone
91.1	644.4	Shale Brownish Green
93.3	642.3	Sandstone
97.5	638.0	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-052-01 W5M**

Well Number **06473**

Well Owner: **Edwards, Jim**

Elevation (AMSL) (m): **741**

AEP: **396746**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **57,685.89**

Date Started: **03 May 94**

Northing: **5,926,651.00**

Date Completed: **05 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **67.1** to **68.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **79.2** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **36.3**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	729.8	Clay Brown
15.2	725.8	Sand Coarse Grained Brown
21.9	719.1	Clay Brown
31.4	709.6	Clay Gray
57.6	683.4	Sand
59.4	681.6	Gravel
61.3	679.8	Sandstone
66.4	674.6	Gravel
67.7	673.4	Sandstone
70.7	670.3	Shale Green
71.3	669.7	Sandstone
75.3	665.8	Shale Gray
76.5	664.5	Sandstone
78.3	662.7	Shale Gray
80.5	660.6	Shale Green
83.2	657.8	Shale Gray
89.0	652.0	Sandstone
91.4	649.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-052-01 W5M**

Well Number **06474**

Well Owner: **Savard, Lloyd**

Elevation (AMSL) (m): **743**

AEP: **357389**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,687.18**

Date Started: **17 May 91**

Northing: **5,926,540.00**

Date Completed: **18 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **68.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **70.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	729.1			Clay Sandy Yellow
27.7	715.6			Sand Yellow
45.4	698.0			Clay Sandy Blue
48.8	694.6			Sand
52.1	691.3			Clay Yellow
59.1	684.3			Sand
63.1	680.3			Sand & Gravel
65.2	678.2			Sandstone
70.7	672.7			Shale Green
72.8	670.5			Sandstone
76.8	666.6			Shale Gray
82.0	661.4			Sandstone
85.3	658.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 19-052-01 W5M**

Well Number **06475**

Well Owner: **Siggah Development**

Elevation (AMSL) (m): **743**

AEP: **394150**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **57,682.56**

Date Started: **16 Mar 77**

Northing: **5,926,584.50**

Date Completed: **18 Mar 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **116.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Ga**  
 OD (mm): **1.4**  
 from (m): **60.7** to **61.0** Size: **0.03**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	735.3			Clay
17.7	725.2			Clay Sandy
22.9	720.0			Clay Green
24.4	718.5			Sand & Silt
46.3	696.6			Clay & Rocks
52.1	690.8			Rocks
60.7	682.2			Clay & Rocks
64.0	678.9			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 19-052-01 W5M**

Well Number **06476**

Well Owner: **Wasylenchuk, Darren**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364644**  
 Easting: **57,799.73**  
 Northing: **5,926,849.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-052-01 W5M**

Well Number **06477**

Well Owner: **Chartrand, Leo J.**

Elevation (AMSL) (m): **739**

AEP: **365757**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **56,879.36**

Date Started: **23 Jul 92**

Northing: **5,926,820.50**

Date Completed: **27 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.6** (m)  
 NPWL (m): **21.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **58.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.5** Bottom (m): **64.6**  
 Perforated How: **Machine**  
 from (m): **58.5** to **64.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **27.4** Time (minute): **440.0**  
 Level End (m): **29.3** Drawdown (m): **7.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
33.5	705.2			Sand
51.2	687.5			Clay & Sand
51.8	686.9			Sand & Rocks
57.9	680.8			Sandstone Soft Yellow
58.8	679.9			Shale Blue
64.6	674.1			Shale & Siltstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06478**

Well Owner: **Faubert, Ray**

Elevation (AMSL) (m): **736**

AEP: **351823**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,771.44**

Date Started: **10 Jul 90**

Northing: **5,926,763.00**

Date Completed: **11 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **48.2** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **67.7**  
 Perforated How: **Other**  
 from (m): **51.8** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
26.5	709.3	Clay Sandy Yellow
43.3	692.5	Clay Sandy Blue
55.2	680.6	Shale Gray
57.6	678.2	Sandstone
61.6	674.2	Shale Gray
64.6	671.2	Sandstone
67.7	668.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-052-01 W5M**

Well Number **06479**

Well Owner: **Holloway, Bill**

Elevation (AMSL) (m): **737**

AEP: **363911**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **56,970.32**

Date Started: **08 May 91**

Northing: **5,926,806.50**

Date Completed: **14 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **71.6** Bottom (m): **71.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **71.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **47.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
45.7	691.7		Sand
57.9	679.5		Clay Blue
66.4	670.9		Shale Soft Brown
70.1	667.3		Shale Gray
81.7	655.7		Shale Dark Gray
82.0	655.4		Sandstone
82.3	655.1		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06480**

Well Owner: **Hudson, Earl**

Elevation (AMSL) (m): **736**

AEP: **357388**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **56,771.44**

Date Started: **22 Jan 91**

Northing: **5,926,763.00**

Date Completed: **24 Jan 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.0** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **19.8** Bottom (m): **19.8**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **15.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **520.0**  
 Level End (m): **13.4** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
10.4	725.5			Clay Silty
21.0	714.8			Clay & Silt Sandy

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 19-052-01 W5M**

Well Number **06481**

Well Owner: **Jerke, Otto**

Elevation (AMSL) (m): **736**

AEP: **350629**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **56,771.44**

Date Started:

Northing: **5,926,763.00**

Date Completed: **20 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.5**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **54.9** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **34.2** Time (minute): **360.0**  
 Level End (m): **16.1** Drawdown (m): **0.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
28.0	707.8			Clay Sandy Brown
37.5	698.3			Clay Gray
39.6	696.2			Clay Sandy Gray
54.6	681.3			Clay Gray
55.2	680.6			Shale Yellow
55.8	680.0			Shale Gray
57.0	678.8			Shale Gray
58.2	677.6			Sandstone Gray
67.7	668.2			Shale Blue
68.9	666.9			Shale Brown
71.6	664.2			Shale Blue
73.2	662.7			Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06482**

Well Owner: **Kuntz, Terry**

Elevation (AMSL) (m): **736**

AEP: **359714**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **56,771.44**

Date Started: **01 May 91**

Northing: **5,926,763.00**

Date Completed: **03 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Jet**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **49.4**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **51.8** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **182.4** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	729.7			Clay
13.7	722.1			Clay & Sand
19.8	716.0			Clay Silty
30.5	705.3			Clay & Sand Silty Gray
38.1	697.7			Till
42.7	693.1			Till Sandy Gray
45.7	690.1			Sand Fine Grained
48.8	687.0			Shale Greenish Gray
54.9	681.0			Shale Gray
56.4	679.4			Sandstone
58.5	677.3			Shale Greenish Gray
60.0	675.8			Sandstone
61.0	674.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06483**

Well Owner: **Mcgee, Mel**

Elevation (AMSL) (m): **744**

AEP: **366253**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,584.90**

Date Started: **17 Jul 92**

Northing: **5,926,549.00**

Date Completed: **20 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.8** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **79.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **79.8**  
 Perforated How: **Saw**  
 from (m): **70.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **50.3** Drawdown (m): **31.1**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	738.7	Sand Silty
16.5	727.1	Clay Sandy Yellow
31.4	712.2	Sand Gray
43.9	699.7	Clay Sandy Blue
46.0	697.6	Sand
63.1	680.5	Clay Sandy Blue
71.9	671.7	Shale Green
77.4	666.2	Sandstone
79.8	663.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 19-052-01 W5M**

Well Number **06484**

Well Owner: **Nikish, Bob**

Elevation (AMSL) (m): **745**

AEP: **365830**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **56,934.86**

Date Started: **22 Aug 92**

Northing: **5,926,583.00**

Date Completed: **22 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **45.7**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	740.9	Clay
17.7	727.2	Sand
22.9	722.0	Clay Silty
32.6	712.3	Sand Gray
38.4	706.5	Clay Gray
44.2	700.7	Sand Gray
46.6	698.3	Clay
48.5	696.4	Shale Green
53.0	691.9	Shale Brown
54.6	690.3	Shale Blue
59.1	685.8	Shale Green
64.0	680.9	Sandstone
65.5	679.4	Shale Blue
67.1	677.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06485**

Well Owner: **O'Connor, Bob**

Elevation (AMSL) (m): **736**

AEP: **366874**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,771.44**

Date Started: **06 Oct 92**

Northing: **5,926,763.00**

Date Completed: **07 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **56.1** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **39.3** Bottom (m): **55.2**  
 Perforated How: **Saw**  
 from (m): **39.3** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	728.2			Clay & Rocks Sandy Yellow
17.7	718.1			Claystone Blue
18.9	716.9			Clay Yellow
29.3	706.6			Shale Brown
32.0	703.8			Shale Gray
33.2	702.6			Shale Green
37.8	698.0			Shale Soft Gray
45.7	690.1			Shale Green
56.1	679.7			Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-052-01 W5M**

Well Number **06486**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **737**

AEP: **359914**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **56,794.57**

Date Started: **14 Aug 91**

Northing: **5,926,855.50**

Date Completed: **14 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.3**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **62.5** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **57.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **36.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
53.3	684.1	Clay Sandy
57.6	679.9	Shale
59.1	678.3	Sandstone
62.5	675.0	Shale
67.4	670.1	Sandstone
71.9	665.5	Shale
72.8	664.6	Sandstone
74.7	662.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 19-052-01 W5M**

Well Number **06487**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **735**

AEP: **380498**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **56,674.32**

Date Started: **19 Aug 92**

Northing: **5,926,902.00**

Date Completed: **20 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **66.8** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **67.4** to **85.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **33.5**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	726.1	Clay Sandy Brown
22.9	712.4	Clay Blue
32.0	703.3	Sand Gray
51.8	683.4	Clay Blue
54.3	681.0	Sandstone Yellow
68.6	666.7	Shale
70.1	665.2	Sandstone
75.0	660.3	Shale
76.2	659.1	Sandstone
80.5	654.8	Shale
85.0	650.2	Sandstone
85.3	649.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06488**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **736**

AEP: **352255**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **56,771.44**

Date Started: **05 Sep 90**

Northing: **5,926,763.00**

Date Completed: **05 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **74.4** Bottom (m): **74.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **68.0**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **86.9**  
 Perforated How: **Machine**  
 from (m): **68.9** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **42.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	713.0	Clay Sandy
45.1	690.7	Clay
54.3	681.6	Sand
56.7	679.1	Clay
68.9	666.9	Shale
71.0	664.8	Sandstone
81.7	654.1	Shale
85.0	650.8	Sandstone
86.9	649.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06489**

Well Owner: **Osness, Joanne/Norman**

Elevation (AMSL) (m): **736**

AEP: **418212**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,771.44**

Date Started: **23 Oct 95**

Northing: **5,926,763.00**

Date Completed: **23 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **65.2** Bottom (m): **65.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **65.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **63.7** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **70.1** to **82.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **72.2** Drawdown (m): **55.2**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.5	719.4			Clay Sandy Yellow
28.4	707.5			Clay Blue
32.3	703.5			Sand
45.4	690.4			Clay Blue
57.0	678.8			Sand
57.9	677.9			Sandstone
66.4	669.4			Shale Green
68.3	667.5			Shale Gray
73.8	662.1			Shale Green
76.5	659.3			Sandstone
78.0	657.8			Shale Green
81.4	654.4			Sandstone
82.0	653.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06490**

Well Owner: **Patenaude, Nancye**

Elevation (AMSL) (m): **736**

AEP: **353709**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,771.44**

Date Started: **05 Dec 90**

Northing: **5,926,763.00**

Date Completed: **07 Dec 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **90.8** Bottom (m): **90.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **90.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **87.8** Bottom (m): **104.2**  
 Perforated How:  
 from (m): **87.8** to **104.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

10.7	725.1	Clay Sandy Yellow
13.7	722.1	Clay Blue
15.2	720.6	Sand
41.2	694.7	Clay Soft Blue
43.3	692.5	Clay Yellow
50.3	685.5	Sandstone Yellow
51.8	684.0	Shale Green
54.9	681.0	Shale Sandy Gray
56.4	679.4	Shale Green
57.9	677.9	Shale Sandy Gray
64.0	671.8	Shale Green
67.1	668.8	Shale Sandy Gray
70.1	665.7	Shale Green
71.9	663.9	Shale Sandy Gray
80.8	655.0	Shale Green
82.3	653.5	Shale Sandy Gray
93.0	642.9	Shale Green
94.5	641.3	Shale & Coal Brown
99.1	636.8	Shale Green
105.2	630.7	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06491**

Well Owner: **Thomson, Ray**

Elevation (AMSL) (m): **736**

AEP: **360108**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,771.44**

Date Started: **21 Sep 91**

Northing: **5,926,763.00**

Date Completed: **23 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **54.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **71.6**  
 Perforated How: **Other**  
 from (m): **59.4** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.1	722.7	Clay Sandy Yellow
19.5	716.3	Clay Sandy Blue
35.4	700.5	Sand
41.2	694.7	Clay Sandy Blue
47.6	688.3	Sandstone
50.9	684.9	Shale Green
53.6	682.2	Sandstone
55.2	680.6	Shale Green
57.0	678.8	Sandstone
59.7	676.1	Shale Green
61.3	674.6	Sandstone
66.4	669.4	Shale Green
70.7	665.1	Sandstone
71.6	664.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 19-052-01 W5M**

Well Number **06492**

Well Owner: **Webster, Ralph**

Elevation (AMSL) (m): **728**

AEP: **354795**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,808.44**

Date Started: **04 Oct 85**

Northing: **5,927,002.00**

Date Completed: **08 Oct 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.0** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **83.5** Bottom (m): **83.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **44.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>(BGL)</u>	<u>(AMSL)</u>	<u>(m)</u>	<u>(m)</u>	<u>Lithologic Description</u>
1.8	725.7					Clay Yellow
6.7	720.9					Sand Yellow
21.9	705.6					Clay Yellow
44.5	683.1					Clay Silty Blue
45.7	681.8					Shale Sandy Gray
47.2	680.3					Sandstone
50.6	677.0					Shale Sandy Gray
50.9	676.7					Shale Gray
56.1	671.5					Shale Sandy Gray
58.2	669.4					Shale Green
60.0	667.5					Shale Sandy Gray
61.3	666.3					Shale Green
65.5	662.0					Shale Sandy Gray
68.0	659.6					Shale Gray
70.4	657.2					Shale Sandy Gray
71.9	655.6					Shale Green
79.8	647.7					Shale Sandy Gray
86.3	641.3					Shale Green
88.7	638.9					Shale Sandy Gray
90.2	637.3					Shale Greenish Gray
99.4	628.2					Shale Sandy Gray
101.5	626.1					Shale Green
107.0	620.6					Shale Sandy Green
117.3	610.2					Shale Greenish Gray
121.0	606.6					Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-052-01 W5M**

Well Number **06493**

Well Owner: **Ziehe, Frank**

Elevation (AMSL) (m): **734**

AEP: **367342**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **56,617.27**

Date Started: **18 Aug 92**

Northing: **5,926,906.50**

Date Completed: **19 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **73.5** Bottom (m): **73.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **73.5**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **73.8** to **84.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **37.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	727.5			Clay Sandy Brown
19.8	713.8			Clay
29.0	704.6			Sand Gray
48.8	684.8			Clay Blue
51.8	681.8			Sandstone Yellow
74.7	658.9			Shale
82.3	651.3			Sandstone
85.3	648.3			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-052-01 W5M**

Well Number **06494**

Well Owner: **Jansen, Joy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366645**  
 Easting: **56,462.36**  
 Northing: **5,926,337.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **129.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-052-01 W5M**

Well Number **06495**

Well Owner: **Nicholson, Tom**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **742**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365686**  
 Easting: **56,462.36**  
 Northing: **5,926,337.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-20-052-01 W5M

Well Number 06496

Well Owner: **Alta Env #1312e**

Elevation (AMSL) (m): **732**

AEP: **412756**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **58,304.36**

Date Started:

Northing: **5,925,588.30**

Date Completed: **09 Oct 74**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **74.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	725.8	Silt Soft Gray
10.7	721.3	Clay & Sand Lacustrine Gray
15.2	716.7	Clay Lacustrine Gray
19.8	712.1	Sand & Coal Fine Grained
24.4	707.6	Clay Silty Dark Gray
29.0	703.0	Sand & Coal Fine Grained
33.5	698.4	Sand & Coal Medium Grained
38.1	693.8	Sand & Coal Fine Grained
42.7	689.3	Clay & Sand Soft
47.6	684.4	Sand & Silt Soft
50.0	682.0	Gravel
52.4	679.5	Clay Gravelly
53.6	678.3	Silt & Coal
54.9	677.1	Siltstone Gray
56.7	675.2	Gravel Preglacial
65.5	666.4	Sandstone Fine Grained Gray
67.1	664.9	Sandstone Gray
70.1	661.8	Siltstone Gray
70.4	661.5	Sandstone Gray
74.7	657.3	Siltstone & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

05-21-052-01 W5M

Well Number 06497

Well Owner: **Mcrae, Dave**

Elevation (AMSL) (m): **735**

AEP: **377740**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,776.91**

Date Started: **20 Jul 93**

Northing: **5,925,930.00**

Date Completed: **21 Jul 93**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **93.6** (m)  
NPWL (m): **18.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **71.3** Bottom (m): **71.3**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): to **71.3**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **70.4** Bottom (m): **93.6**  
Perforated How: **Saw**  
from (m): **79.6** to **92.1** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **93.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
Level End (m): **48.8** Drawdown (m): **29.9**  
Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.0	717.0			Clay Sandy Yellow
59.7	675.3			Sand
64.9	670.1			Sandstone
72.8	662.2			Shale Green
79.6	655.5			Shale Gray
81.7	653.3			Sandstone
85.6	649.4			Shale Gray
92.1	643.0			Sandstone
93.6	641.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-22-052-01 W5M

Well Number 06498

Well Owner: **Alta Env #1302e**

Elevation (AMSL) (m): **721**

AEP: **412757**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **62,818.13**

Date Started:

Northing: **5,927,195.00**

Date Completed: **29 Sep 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **88.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	715.9	Silt Sandy Brown
9.8	710.8	Silt Sandy Dark Brown
15.9	704.7	Sand & Coal Light Brown
19.8	700.7	Silt Soft Dark Gray
21.3	699.2	Sand & Coal Light Brown
22.3	698.3	Silt Soft Gray
25.9	694.6	Coal Hard Black
32.6	687.9	Sand & Gravel Fine Grained
33.5	687.0	Silt Lacustrine Gray
40.2	680.3	Sand & Gravel Light Gray
42.4	678.1	Coal Sandy Black
46.9	673.6	Gravel
48.8	671.7	Till & Gravel Sandy Light Gray
57.9	662.6	Gravel Fine Grained
79.2	641.3	Coal Black
81.7	638.8	Gravel Fine Grained
83.8	636.7	Siltstone Dark Gray
88.4	632.1	Shale & Siltstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-052-01 W5M**

Well Number **06499**

Well Owner: **Kulak, Ralph**

Elevation (AMSL) (m): **731**

AEP: **369646**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,387.15**

Date Started: **10 Sep 79**

Northing: **5,926,026.00**

Date Completed: **14 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **156.7** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **99.7** Bottom (m): **99.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **99.7**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **155.8**  
 Perforated How: **Torch**  
 from (m): **99.7** to **155.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	721.5	Sand
21.3	709.3	Clay Yellow
39.6	691.0	Silt
56.4	674.3	Clay Silty
62.5	668.2	Clay Blue
94.5	636.2	Clay Yellow
98.1	632.5	Gravel
99.1	631.6	Clay Hard Blue
109.4	621.2	Shale Greenish Gray
111.3	619.4	Shale Brown
118.9	611.8	Shale Dark Gray
119.5	611.2	Coal
121.9	608.7	Shale Sandy Gray
134.1	596.5	Shale Dark Gray
137.2	593.5	Shale Sandy Gray
141.7	588.9	Shale Dark Gray
144.8	585.9	Shale Sandy Gray
150.9	579.8	Shale Dark Gray
151.8	578.9	Coal
156.7	574.0	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 23-052-01 W5M**

Well Number **06500**

Well Owner: **Kulak, Mark**

Elevation (AMSL) (m): **715**

AEP: **373905**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,834.11**

Date Started: **20 Sep 93**

Northing: **5,927,156.00**

Date Completed: **20 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **5.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite & Cement**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.9** to **41.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.5**  
**Testing:**  
 Rate (lpm): **364.9** Time (minute): **120.0**  
 Level End (m): **7.6** Drawdown (m): **2.4**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	709.0	Clay Yellow
24.1	690.4	Clay Blue
42.1	672.5	Sand
46.9	667.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-052-01 W5M**

Well Number **06501**

Well Owner: **Kulak, Theodore**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **714**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443869**  
 Easting: **64,195.79**  
 Northing: **5,926,667.34**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 29 Feb 96**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 May 81**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>635.0</b>	SAR	Nickel
TDS <b>349.0</b>	TKN	Selenium
Sodium <b>25.07</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>86.97</b>	TN	Vanadium
Magnesium <b>21.04</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>411.21</b>	Arsenic	Total Hardness <b>303.00</b>
Aluminum	Barium	Manganese
Sulphate <b>10.09</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.90</b>
Fluoride <b>35.00</b>	Chromium	Amm. Nitrogen
Iron <b>1.60</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>337.0</b>
Silica <b>19.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 23-052-01 W5M**

Well Number **06502**

Well Owner: **Kulak, Theodore**

Elevation (AMSL) (m): **715**

AEP: **443849**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,834.11**

Date Started: **22 Feb 96**

Northing: **5,927,156.00**

Date Completed: **22 Feb 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **46.3** to **47.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **47.9**

**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **22.6** Drawdown (m): **14.0**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	707.8	Clay Yellow
17.7	696.8	Clay Blue
21.6	692.9	Sand
28.7	685.9	Clay Sandy Blue
49.7	664.8	Sand
51.8	662.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-052-01 W5M**

Well Number **06503**

Well Owner: **Hinko, Steve**

Elevation (AMSL) (m): **717**

AEP: **351040**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,504.63**

Date Started: **09 Jan 90**

Northing: **5,926,413.00**

Date Completed: **11 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **102.1** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **77.7** Bottom (m): **77.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **77.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **71.6** Bottom (m): **76.2**  
 Perforated How: **Other**  
 from (m): **77.7** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **300.0**  
 Level End (m): **61.0** Drawdown (m): **56.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	710.6	Clay Yellow
11.6	705.4	Clay Blue
28.0	689.0	Sand
43.6	673.4	Sand Coarse Grained
50.0	667.0	Sand Silty
58.2	658.8	Clay Sandy Blue
74.1	642.9	Sand
76.5	640.5	Shale Gray
77.7	639.3	Shale Green
80.5	636.5	Sandstone
82.9	634.1	Shale Gray
89.9	627.1	Sandstone
90.5	626.5	Coal
94.2	622.8	Shale Gray
96.9	620.1	Sandstone
101.2	615.8	Shale Gray
102.1	614.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-25-052-01 W5M

Well Number 06504

Well Owner: **Alta Env #1474e**

Elevation (AMSL) (m): **710**

AEP: **412758**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **65,949.84**

Date Started:

Northing: **5,927,523.50**

Date Completed: **27 Aug 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
0.6	709.0	Gravel
5.5	704.1	Clay Sandy Brown
6.1	703.5	Clay Silty Dark Gray
7.6	702.0	Clay Silty Gray
14.6	695.0	Sand Medium Grained Brown
16.5	693.2	Coal
20.1	689.5	Sand Medium Grained Brownish G
21.3	688.3	Sand & Coal Brownish Gray
23.5	686.1	Sand & Coal Medium Grained
24.7	684.9	Sand Medium Grained
26.5	683.1	Gravel
27.4	682.2	Coal
30.5	679.1	Silt Gray
36.0	673.7	Silt Lacustrine Gray
36.6	673.0	Sandstone Bentonitic Gray
39.6	670.0	Siltstone & Sandstone Silty Gr
54.9	654.8	Siltstone Brownish Gray
57.9	651.7	Sandstone Bentonitic Gray
61.0	648.7	Siltstone & Coal Brownish Gra
67.1	642.6	Siltstone & Sandstone Interbed
72.5	637.1	Siltstone Interbedded Brownish
79.2	630.4	Siltstone Carbonaceous Dark Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-01 W5M**

Well Number **06505**

Well Owner: **Multicultural Center**

Elevation (AMSL) (m): **712**

AEP: **352826**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,658.29**

Date Started: **10 Jul 90**

Northing: **5,928,828.50**

Date Completed: **10 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Municipal**  
 Completed Depth **27.4** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **18.6** to **19.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	699.5	Clay Yellow
15.5	696.1	Sand
18.0	693.7	Clay Blue
20.1	691.5	Sand
27.4	684.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-01 W5M**

Well Number **06506**

Well Owner: **Penner, Jake**

Elevation (AMSL) (m): **713**

AEP: **443229**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **65,708.27**

Date Started: **06 Nov 93**

Northing: **5,928,598.50**

Date Completed: **06 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **27.4** to **29.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **45.1** to **46.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **30.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	703.5	Sand Silty
29.0	683.7	Clay
46.6	666.0	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 26-052-01 W5M**

Well Number **06507**

Well Owner: **Preuss, Sig**

Elevation (AMSL) (m): **715**

AEP: **362763**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,944.32**

Date Started: **13 Sep 91**

Northing: **5,928,158.00**

Date Completed: **13 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **50.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **46.6** to **47.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	705.9			Clay Yellow
15.2	699.8			Sand & Coal
19.8	695.2			Clay Yellow
24.4	690.6			Sand & Coal
25.9	689.1			Clay Blue
48.2	666.8			Sand & Coal
50.3	664.7			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 26-052-01 W5M**

Well Number **06508**

Well Owner: **Broken Wheel Ranch**

Elevation (AMSL) (m): **717**

AEP: **407506**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **63,474.59**

Date Started: **26 Jun 95**

Northing: **5,927,343.00**

Date Completed: **26 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **7.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Cuttings**  
 from (m): to **59.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **13.1** Drawdown (m): **5.8**  
 Rec'd intake (m): **25.0** Rec'd Rate (lpm): **136.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	712.2			Clay Brown
18.3	698.5			Sand & Coal
19.8	697.0			Clay Gray
42.7	674.1			Sand
50.3	666.5			Clay
61.0	655.8			Sand Coarse Grained Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 26-052-01 W5M**

Well Number **06509**

Well Owner: **Campbell, Brian**

Elevation (AMSL) (m): **718**

AEP: **399303**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,273.90**

Date Started: **04 Oct 94**

Northing: **5,927,740.00**

Date Completed: **04 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **82.0** Bottom (m): **82.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **80.8** to **82.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **82.9** to **89.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **59.4**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	717.3	Topsoil
5.2	713.1	Till Brownish Yellow
9.4	708.8	Sand Fine Grained Brown
11.6	706.7	Till Soft Blue
22.3	696.0	Sand & Rocks Fine Grained Brow
23.2	695.1	Sand & Gravel
25.9	692.3	Till Blue
38.7	679.5	Sand & Coal Fine Grained Blue
42.4	675.9	Gravel Pea
50.0	668.3	Sand & Coal Fine Grained Brown
55.8	662.5	Till Soft Blue
70.4	647.8	Sand & Coal Brown
78.0	640.2	Sand & Coal Gray
81.1	637.2	Gravel Yellow
83.5	634.7	Shale Gray
85.6	632.6	Coal
87.5	630.8	Sandstone Medium Grained
91.4	626.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-052-01 W5M**

Well Number **06510**

Well Owner: **Dwight Holdings/Rutherford, D**

Elevation (AMSL) (m): **721**

AEP: **365154**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **63,000.22**

Date Started: **12 May 92**

Northing: **5,927,687.50**

Date Completed: **13 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **43.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **43.9** to **45.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **12.2**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	707.4	Clay Yellow
15.9	705.2	Clay Blue
18.3	702.8	Sand & Coal
20.7	700.4	Clay Blue
46.3	674.8	Sand & Coal
48.8	672.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-052-01 W5M**

Well Number **06511**

Well Owner: **Graf, Len**

Elevation (AMSL) (m): **717**

AEP: **418213**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **63,556.70**

Date Started: **11 Sep 95**

Northing: **5,927,865.50**

Date Completed: **11 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **25.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.6** to **41.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **9.8** Drawdown (m): **0.3**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	712.1	Clay Sandy Yellow
13.4	703.6	Sand
25.9	691.1	Clay Sandy Blue
41.5	675.6	Sand
42.7	674.3	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-052-01 W5M**

Well Number **06512**

Well Owner: **Hegi, Wade**

Elevation (AMSL) (m): **717**

AEP: **412405**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **63,595.47**

Date Started: **29 Jun 95**

Northing: **5,927,740.00**

Date Completed: **29 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **84.1** Bottom (m): **84.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **82.6** to **83.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **81.1** Bottom (m): **97.5**  
 Perforated How: **Hand Drill**  
 from (m): **86.9** to **93.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **38.1**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.6	716.4		Topsoil
2.4	714.6		Sand Brown
7.3	709.7		Till Brownish Yellow
14.9	702.1		Sand & Coal
16.1	700.9		Till Blue
21.6	695.4		Sand & Coal
25.0	692.0		Till Blue
42.4	674.6		Sand & Coal Coarse Grained
48.5	668.6		Till Blue
75.0	642.0		Sand & Coal Coarse Grained Gra
77.4	639.6		Gravel
83.2	633.8		Shale Brown
84.7	632.3		Shale Gray
87.2	629.8		Sandstone Fine Grained
87.5	629.5		Shale Brownish Gray
89.0	628.0		Coal
89.3	627.7		Shale Brown
90.2	626.8		Shale Gray
93.6	623.4		Sandstone Medium Grained
97.5	619.5		Shale Light Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-052-01 W5M**

Well Number **06513**

Well Owner: **Rutherford, Dwight**

Elevation (AMSL) (m): **721**

AEP: **396756**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **63,041.27**

Date Started: **17 Mar 94**

Northing: **5,927,667.00**

Date Completed: **23 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **123.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **90.5** Bottom (m): **90.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **90.5**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **88.7** Bottom (m): **122.5**  
 Perforated How: **Saw**  
 from (m): **88.7** to **122.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **97.5**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **21.3**  
 Rec'd intake (m): **97.5** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.9	702.4	Clay Yellow
53.3	667.9	Sand & Coal
54.9	666.4	Clay Blue
84.1	637.2	Sand & Coal
86.9	634.4	Gravel
88.4	632.9	Shale Gray
89.6	631.7	Shale & Coal Brown
101.8	619.5	Shale Gray
103.6	617.7	Shale Sandy Gray
109.7	611.6	Shale Gray
111.6	609.7	Shale Sandy Gray
115.8	605.5	Shale Gray
117.3	603.9	Shale Sandy Gray
123.4	597.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NW 27-052-01 W5M**

Well Number **06514**

Well Owner: **Dubchak, Wally**

Elevation (AMSL) (m): **734**

AEP: **352464**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **61,353.24**

Date Started: **10 Oct 90**

Northing: **5,928,425.50**

Date Completed: **11 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **38.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **39.6** to **41.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **38.1**

**Testing:**

Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **24.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	730.9	Clay
31.7	702.3	Silt
38.1	695.9	Sand Silty
42.1	691.9	Sand
48.8	685.2	Sand Clayey

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 27-052-01 W5M**

Well Number **06515**

Well Owner: **Kabatoff, Harold**

Elevation (AMSL) (m): **727**

AEP: **353908**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,722.89**

Date Started: **05 Nov 76**

Northing: **5,928,412.50**

Date Completed: **08 Nov 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.9** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **86.9** Bottom (m): **86.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **86.9**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **110.0**  
 Perforated How: **Torch**  
 from (m): **86.9** to **110.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

27.4	699.9	Clay Yellow
36.6	690.8	Sand & Coal
39.6	687.8	Clay Blue
42.7	684.7	Sand
56.4	671.0	Clay Blue
64.0	663.4	Sand
68.6	658.8	Clay Blue
70.4	657.0	Gravel
71.0	656.4	Shale Brown
73.2	654.2	Clay Blue
74.7	652.7	Shale Sandy Gray
77.1	650.3	Shale Green
81.4	646.0	Shale Sandy Gray
82.3	645.1	Shale Brown
83.5	643.9	Shale Gray
85.3	642.0	Shale Green
88.1	639.3	Shale Gray
96.3	631.1	Shale Sandy Gray
98.8	628.6	Shale Green
100.9	626.5	Shale Sandy Gray
101.5	625.9	Shale Brown
103.6	623.7	Shale Sandy Gray
105.5	621.9	Shale Green
110.6	616.7	Shale Sandy Gray
110.9	616.4	Soapstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



09-28-052-01 W5M

Well Number 06516

Well Owner: **Jafro Develop. Ltd**

Elevation (AMSL) (m): **722**

AEP: **389863**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **60,847.54**

Date Started: **28 Aug 79**

Northing: **5,928,493.00**

Date Completed: **28 Aug 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.0**  
 from (m): **45.7** to **46.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **360.0**  
 Level End (m): Drawdown (m): **22.6**  
 Rec'd intake (m): **42.1** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
17.7	704.3	Clay & Silt
18.6	703.4	Sand Coarse Grained
19.8	702.2	Clay
23.5	698.5	Sand
24.1	697.9	Clay
28.0	693.9	Sand & Gravel Coarse Grained
37.5	684.5	Sand Fine Grained
51.5	670.5	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-28-052-01 W5M

Well Number 06517

Well Owner: **Jafro Developments Ltd**

Elevation (AMSL) (m): **719**

AEP: **389848**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **60,667.75**

Date Started: **27 Aug 79**

Northing: **5,928,245.50**

Date Completed: **28 Aug 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **67.7** Bottom (m): **67.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **67.7**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Torch**  
 from (m): **67.4** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **43.0**  
 Rec'd intake (m): **57.3** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

11.0 707.8 Clay  
 13.7 705.1 Silt  
 22.9 696.0 Sand Fine Grained  
 24.7 694.1 Sand & Coal Coarse Grained  
 49.7 669.1 Sand & Silt Fine Grained  
 53.0 665.8 Sand & Coal Coarse Grained  
 55.2 663.6 Shale See Comments  
 61.6 657.2 Sand & Rocks  
 64.0 654.8 Shale Dark Gray  
 65.2 653.6 Shale Yellow  
 66.8 652.1 Sandstone Light Gray  
 69.8 649.0 Shale Mixed  
 70.1 648.7 Sandstone  
 71.3 647.5 Shale Mixed  
 72.5 646.3 Shale Green  
 75.9 642.9 Shale Mixed  
 77.7 641.1 Sandstone Light Gray  
 78.3 640.5 Shale Brown  
 78.9 639.9 Coal  
 79.2 639.6 Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-28-052-01 W5M

Well Number 06518

Well Owner: **White, P.**

Elevation (AMSL) (m): **735**

AEP: **399312**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,192.50**

Date Started: **04 Oct 94**

Northing: **5,927,508.50**

Date Completed: **06 Oct 94**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **67.1** (m)  
NPWL (m): **22.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **56.7** Bottom (m): **56.7**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): **53.3** to **56.7**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **54.9** Bottom (m): **67.1**  
Perforated How: **Machine**  
from (m): **57.9** to **64.0** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g07** Intake (m): **48.8**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
Level End (m): **48.8** Drawdown (m): **25.9**  
Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	733.6			Topsoil Black
13.4	721.1			Clay Brown
17.1	717.5			Sand
18.9	715.6			Clay Gray
51.2	683.3			Clay & Sand Gray
55.2	679.4			Sandstone
57.0	677.5			Shale Green
63.7	670.8			Sandstone
65.2	669.3			Shale Green
67.1	667.5			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-052-01 W5M**

Well Number **06519**

Well Owner: **Alastair, Grant**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356888**  
 Easting: **60,884.08**  
 Northing: **5,928,481.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-052-01 W5M**

Well Number **06520**

Well Owner: **Brady, Ronald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366442**  
 Easting: **60,948.63**  
 Northing: **5,928,802.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-052-01 W5M**

Well Number **06521**

Well Owner: **Cantafio, Janice**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **719**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361694**  
 Easting: **60,884.08**  
 Northing: **5,928,481.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 28-052-01 W5M**

Well Number **06522**

Well Owner: **Johnston, Rod**

Elevation (AMSL) (m): **720**

AEP: **369873**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,694.92**

Date Started: **30 Nov 92**

Northing: **5,928,201.00**

Date Completed: **30 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **10.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **31.7**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **11.3**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.4	709.5			Clay Yellow
32.6	687.2			Sand
36.6	683.3			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 28-052-01 W5M**

Well Number **06523**

Well Owner: **Yeoman, Ken**

Elevation (AMSL) (m): **719**

AEP: **360126**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,884.08**

Date Started: **01 Aug 91**

Northing: **5,928,481.50**

Date Completed: **01 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **41.2** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	713.9			Clay Sandy Yellow
8.5	710.9			Clay Blue
23.2	696.3			Shale Gray
27.1	692.3			Sandstone
35.4	684.1			Sandstone Fractured Gray
42.1	677.4			Shale Gray
44.5	674.9			Sandstone
46.6	672.8			Shale Gray
47.2	672.2			Shale & Coal Brown
50.9	668.5			Shale Gray
52.1	667.3			Shale & Coal Brown
54.9	664.6			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 28-052-01 W5M**

Well Number **06524**

Well Owner: **Yeoman, Ken**

Elevation (AMSL) (m): **719**

AEP: **366240**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,884.08**

Date Started: **30 Jun 92**

Northing: **5,928,481.50**

Date Completed: **30 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.7** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.9** Bottom (m): **67.7**  
 Perforated How: **Other**  
 from (m): **52.7** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): **27.4** Drawdown (m): **16.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	711.2	Clay Sandy Yellow
36.3	683.1	Sand Yellow
38.7	680.7	Clay Yellow
42.4	677.0	Sandstone Yellow
43.9	675.5	Shale Brittle Gray
45.4	674.0	Sandstone
49.4	670.0	Shale Gray
53.0	666.4	Shale Green
54.6	664.9	Sandstone
57.0	662.4	Shale Green
58.2	661.2	Sandstone
61.3	658.2	Shale Gray
65.2	654.2	Sandstone
67.7	651.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-052-01 W5M**

Well Number **06525**

Well Owner: **Isbister, June**

Elevation (AMSL) (m): **725**

AEP: **354042**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,020.38**

Date Started:

Northing: **5,928,480.00**

Date Completed: **30 Nov 71**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.0** (m)  
 NPWL (m): **64.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **103.6** Bottom (m): **103.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m): **110.0**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcgougall** Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **81.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	712.7			Clay Yellow
21.3	703.6			Clay Soft
25.0	699.9			Sand Fine Grained
93.0	631.9			Sand
93.6	631.3			Shale Green
99.4	625.5			Clay Blue
99.7	625.2			Shale Gray
100.6	624.3			Gravel Rounded
103.9	621.0			Shale Gray
109.1	615.8			Sand & Shale Gray
110.0	614.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 29-052-01 W5M**

Well Number **06526**

Well Owner: **Ashley'S Plumbing**

Elevation (AMSL) (m): **732**

AEP: **357297**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **58,390.43**

Date Started: **18 Apr 91**

Northing: **5,928,387.00**

Date Completed: **25 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **44.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.4**  
 from (m): **44.2** to **45.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	729.6			Clay
18.3	713.8			Clay Sandy
29.9	702.2			Silt
30.5	701.6			Coal
32.9	699.1			Sand Fine Grained
43.3	688.8			Clay Blue
45.7	686.3			Coal
48.8	683.3			Sand Fine Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 29-052-01 W5M**

Well Number **06527**

Well Owner: **Cable, Robin C.**

Elevation (AMSL) (m): **731**

AEP: **385505**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **58,203.23**

Date Started: **13 Jun 94**

Northing: **5,928,342.50**

Date Completed: **13 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **91.7** Bottom (m): **91.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **90.8** to **91.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **88.4** Bottom (m): **103.6**  
 Perforated How: **Hand Drill**  
 from (m): **93.6** to **103.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **40.2**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	725.4			Sand Fine Grained Brown
11.3	719.6			Till Brownish Yellow
29.9	701.0			Sand & Coal Brown
33.2	697.7			Clay Soft Blue
34.8	696.1			Sand & Coal
36.9	694.0			Clay Blue
38.7	692.2			Sand & Coal
41.2	689.7			Clay Blue
70.7	660.2			Sand & Coal Gray
72.5	658.4			Clay Blue
78.0	652.9			Sand & Coal Coarse Grained
79.8	651.0			Clay Blue
82.3	648.6			Sand & Coal Coarse Grained Gra
86.9	644.0			Clay Yellow
90.2	640.7			Clay Blue
91.7	639.2			Sandstone Fine Grained
93.9	637.0			Shale Gray
95.4	635.5			Coal
97.2	633.7			Sandstone Medium Grained
99.7	631.2			Shale Gray
103.0	627.9			Sandstone Medium Grained
103.6	627.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-052-01 W5M**

Well Number **06528**

Well Owner: **Mccloskey, Kevin**

Elevation (AMSL) (m): **732**

AEP: **351041**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,390.43**

Date Started: **02 Jan 90**

Northing: **5,928,387.00**

Date Completed: **06 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **111.3** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **96.9** Bottom (m): **96.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **96.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **96.0** Bottom (m): **111.3**  
 Perforated How: **Other**  
 from (m): **97.2** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **50.2** Time (minute): **300.0**  
 Level End (m): **48.8** Drawdown (m): **35.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	726.9	Clay Yellow
41.2	690.9	Sand
45.1	687.0	Clay Blue
57.6	674.5	Sand
88.7	643.4	Clay Blue
92.1	640.0	Sandstone
94.2	637.9	Shale Gray
95.7	636.4	Shale Green
99.1	633.0	Sandstone
104.5	627.5	Shale Gray
109.1	623.0	Sandstone
111.3	620.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-052-01 W5M**

Well Number **06529**

Well Owner: **Sawchuk, Loretta**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365018**  
 Easting: **58,390.43**  
 Northing: **5,928,387.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 29-052-01 W5M**

Well Number **06530**

Well Owner: **Schowalter, Larry**

Elevation (AMSL) (m): **731**

AEP: **353476**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **58,230.14**

Date Started: **09 Nov 90**

Northing: **5,928,703.00**

Date Completed: **13 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **112.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **92.7** Bottom (m): **92.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **91.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **112.8**  
 Perforated How: **Machine**  
 from (m): **97.5** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **93.9**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **600.0**  
 Level End (m): **76.2** Drawdown (m): **68.6**  
 Rec'd intake (m): **93.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	718.3	Clay Sandy
21.3	709.2	Sand
29.0	701.6	Sand & Coal
64.0	666.5	Sand
73.2	657.4	Coal
75.3	655.2	Sand
80.8	649.8	Sand & Coal
82.3	648.2	Gravel
86.0	644.6	Clay
87.2	643.4	Sandstone
95.7	634.8	Shale
97.5	633.0	Sandstone
105.8	624.8	Shale Gray
108.2	622.3	Sandstone
110.3	620.2	Shale
110.6	619.9	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-052-01 W5M**

Well Number **06531**

Well Owner: **Scragg, Rob**

Elevation (AMSL) (m): **731**

AEP: **369737**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,711.01**

Date Started: **21 Jun 93**

Northing: **5,928,478.00**

Date Completed: **24 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **117.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **100.3** Bottom (m): **100.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **100.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **99.1** Bottom (m): **117.0**  
 Perforated How: **Saw**  
 from (m): **102.1** to **115.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **117.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **300.0**  
 Level End (m): **85.3** Drawdown (m): **66.4**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.4	710.2	Clay Yellow
39.3	691.3	Sand
46.3	684.3	Clay Blue
50.0	680.6	Sand & Coal
55.8	674.8	Clay Blue
78.0	652.6	Sand & Coal
93.0	637.7	Clay Blue
96.9	633.7	Shale Gray
102.7	627.9	Shale Green
103.9	626.7	Sandstone
109.1	621.5	Shale Gray
114.0	616.6	Sandstone
115.2	615.4	Shale & Coal Brown
117.0	613.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 29-052-01 W5M**

Well Number **06532**

Well Owner: **Vandeligt, William A**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356889**  
 Easting: **58,390.43**  
 Northing: **5,928,387.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 29-052-01 W5M**

Well Number **06533**

Well Owner: **Kulak, Fred**

Elevation (AMSL) (m): **737**

AEP: **354043**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,551.09**

Date Started: **10 Apr 81**

Northing: **5,927,651.00**

Date Completed: **13 Apr 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **67.1** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.1	713.1	Clay Sandy Yellow
29.0	708.2	Clay & Coal Soft Blue
46.0	691.1	Sand & Coal Fine Grained Yello
53.6	683.5	Clay Blue
55.8	681.4	Clay Sandy Gray
59.1	678.0	Shale Soft Brown
62.5	674.7	Clay & Rocks Blue
65.8	671.3	Clay Yellow
68.3	668.9	Shale Greenish Gray
69.5	667.7	Shale Sandy Gray
73.8	663.4	Shale Gray
75.9	661.3	Shale Sandy Gray
78.0	659.1	Shale Green
84.7	652.4	Shale Sandy Gray
92.7	644.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-30-052-01 W5M

Well Number 06534

Well Owner: **Baker, Howard**

Elevation (AMSL) (m): **735**

AEP: **389881**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **57,826.06**

Date Started: **04 Aug 80**

Northing: **5,927,461.50**

Date Completed: **06 Aug 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **82.3** Bottom (m): **82.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Un**  
 OD (mm): **1.2**  
 from (m): **82.3** to **83.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **95.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
30.5	704.5	Clay & Sand
85.3	649.6	Sand
86.9	648.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

---30-052-01 W5M

Well Number 06535

Well Owner: **Holowinski, Larry**

Elevation (AMSL) (m): **727**

AEP: **356890**

Licence No.:

Easting: **57,285.17**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,927,864.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth **78.0** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

---30-052-01 W5M

Well Number 06536

Well Owner: **Mouritsen, Daryl**

Elevation (AMSL) (m): **727**

AEP: **364046**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **57,282.12**

Date Started:

Northing: **5,927,875.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth: **12.2** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
Gamma Log: **No**                      Storativity:  
Aquifer Test: **No**  
Project:                                      Database: **1.000H**  
AEP Data: **Yes**                      Well Field Verified: **No**

**NE 30-052-01 W5M**

Well Number **06537**

Well Owner: **Deib, Richard**

Elevation (AMSL) (m): **737**

AEP: **360109**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,644.80**

Date Started: **18 Jul 91**

Northing: **5,928,437.50**

Date Completed: **18 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **33.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.5** to **35.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.4	727.5	Clay Sandy Yellow
26.5	710.5	Clay Sandy Blue
31.1	705.9	Sand Silty
36.0	701.0	Sand
36.6	700.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-052-01 W5M**

Well Number **06538**

Well Owner: **Edmonton Beach**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **737**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354507**  
 Easting: **57,644.80**  
 Northing: **5,928,437.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 30-052-01 W5M**

Well Number **06539**

Well Owner: **Johnston, Tom**

Elevation (AMSL) (m): **737**

AEP: **418215**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,644.80**

Date Started: **28 Aug 95**

Northing: **5,928,437.50**

Date Completed: **29 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **111.3** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **87.5** Bottom (m): **87.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **87.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **86.0** Bottom (m): **111.3**  
 Perforated How: **Saw**  
 from (m): **93.3** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **111.3**

**Testing:**

Rate (lpm): **109.5** Time (minute): **120.0**  
 Level End (m): **81.4** Drawdown (m): **72.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	729.7			Clay Sandy Yellow
31.1	705.9			Clay Blue
45.1	691.9			Sand
74.4	662.6			Clay Sandy Blue
76.8	660.2			Sandstone
80.5	656.5			Clay Blue
85.0	651.9			Sandstone
88.1	648.9			Shale Green
94.8	642.2			Shale Gray
99.4	637.6			Shale Green
103.3	633.7			Sandstone
103.9	633.0			Shale Gray
109.1	627.9			Sandstone
111.3	625.7			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 30-052-01 W5M**

Well Number **06540**

Well Owner: **Keist, Rod**

Elevation (AMSL) (m): **737**

AEP: **366582**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,644.80**

Date Started: **09 Oct 92**

Northing: **5,928,437.50**

Date Completed: **09 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.5** to **35.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.0**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **9.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	726.0			Clay Sandy Yellow
31.7	705.3			Clay Sandy Blue
41.8	695.2			Sand
42.7	694.3			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 30-052-01 W5M**

Well Number **06541**

Well Owner: **Macmurchy, Lee/Lynda**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **737**      AEP: **396762**  
 Licence No.:      Easting: **57,644.80**  
 Date Started: **01 Sep 94**      Northing: **5,928,437.50**  
 Date Completed: **01 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **7.6**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1**      Bottom (m): **31.1**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):      to **27.7**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **31.1**      to **32.6**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **32.6**  
**Testing:**  
 Rate (lpm): **45.6**      Time (minute): **120.0**  
 Level End (m): **27.1**      Drawdown (m): **19.5**  
 Rec'd intake (m): **25.9**      Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	728.7	Clay Sandy Yellow
27.7	709.2	Clay Sandy Blue
32.6	704.4	Sand
39.6	697.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 30-052-01 W5M**

Well Number **06542**

Well Owner: **Stasch, Fred**

Elevation (AMSL) (m): **737**

AEP: **377747**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **57,644.80**

Date Started: **31 Aug 93**

Northing: **5,928,437.50**

Date Completed: **31 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **53.6** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **12.2** to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.1** to **53.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **30.5**

**Testing:**

Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **26.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	727.8	Sand	Brown	
18.3	718.7	Clay	Blue	
53.6	683.3	Sand		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 30-052-01 W5M**

Well Number **06543**

Well Owner: **Thomas, Bryan**

Elevation (AMSL) (m): **737**

AEP: **351043**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,644.80**

Date Started: **15 Dec 89**

Northing: **5,928,437.50**

Date Completed: **20 Dec 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **77.7** Bottom (m): **77.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **77.7**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **77.7** Bottom (m): **91.7**  
 Perforated How: **Machine**  
 from (m): **77.7** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	727.8			Clay Sandy Yellow
18.3	718.7			Clay Blue
22.9	714.1			Sand
27.4	709.5			Clay Blue
56.7	680.3			Sand
70.1	666.9			Clay Blue
76.2	660.8			Sand
79.2	657.7			Shale Green
82.3	654.7			Shale Sandy Gray
85.3	651.6			Shale Gray
91.4	645.5			Shale Sandy Gray
91.7	645.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-052-01 W5M**

Well Number **06544**

Well Owner: **Mayor, Harold**

Elevation (AMSL) (m): **739**

AEP: **418214**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,576.95**

Date Started: **11 Oct 95**

Northing: **5,928,430.50**

Date Completed: **12 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **71.6** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **74.7** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **87.8**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **1.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.8	729.3			Clay Sandy Yellow
15.5	723.5			Clay Blue
27.1	711.9			Sand Yellow
32.6	706.4			Clay Blue
38.4	700.6			Sand Gray
43.0	696.0			Clay Blue
55.2	683.8			Sand
59.7	679.3			Shale Gray
60.7	678.4			Sandstone
66.4	672.6			Shale Green
71.0	668.0			Sandstone
75.9	663.1			Shale Gray
84.7	654.3			Sandstone
85.6	653.4			Shale Green
86.9	652.1			Sandstone
87.8	651.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 30-052-01 W5M**

Well Number **06545**

Well Owner: **Fenton, Harry**

Elevation (AMSL) (m): **736**

AEP: **377743**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **57,850.61**

Date Started: **30 Jul 93**

Northing: **5,927,648.50**

Date Completed: **31 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **36.6** to **39.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **36.6**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **33.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	732.0			Clay Silty Brown
12.8	722.9			Clay Blue
17.1	718.6			Silt Blue
39.6	696.0			Clay Blue
44.2	691.5			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06546**

Well Owner: **Gallop, Bruce**

Elevation (AMSL) (m): **736**

AEP: **372465**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,850.61**

Date Started: **10 Jun 93**

Northing: **5,927,648.50**

Date Completed: **11 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **59.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.1** Bottom (m): **72.2**  
 Perforated How: **Saw**  
 from (m): **56.1** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	725.0			Clay Silty Yellow
25.6	710.1			Sand & Coal Yellow
34.1	701.5			Clay Blue
43.3	692.4			Sand & Coal
50.3	685.4			Clay Blue
51.8	683.9			Sand & Coal
53.0	682.6			Clay Blue
55.5	680.2			Shale Green
58.5	677.1			Shale Sandy Gray
63.4	672.3			Shale Green
67.1	668.6			Sandstone
68.6	667.1			Shale Green
73.2	662.5			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 30-052-01 W5M**

Well Number **06547**

Well Owner: **Gaulin, Andy/Yvonne**

Elevation (AMSL) (m): **736**

AEP: **372466**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,850.61**

Date Started: **15 Jul 93**

Northing: **5,927,648.50**

Date Completed: **15 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **44.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **44.8** to **46.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **12.2**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	717.4			Clay Sandy Yellow
39.6	696.0			Clay Blue
47.2	688.4			Sand & Coal
50.3	685.4			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 30-052-01 W5M**

Well Number **06548**

Well Owner: **Johnston, Chuck**

Elevation (AMSL) (m): **736**

AEP: **353010**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,850.61**

Date Started: **29 Oct 90**

Northing: **5,927,648.50**

Date Completed: **30 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **62.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **57.9** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.7	718.0			Clay Sandy Yellow
25.6	710.1			Sand
41.8	693.9			Clay Silty Blue
48.2	687.5			Sand
57.6	678.1			Clay Silty Blue
58.2	677.5			Shale Gray
59.7	675.9			Sandstone
64.3	671.4			Shale Green
65.8	669.8			Sandstone
72.5	663.1			Shale Gray
73.2	662.5			Sandstone
78.3	657.3			Shale Gray
81.7	654.0			Sandstone
85.3	650.3			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 30-052-01 W5M**

Well Number **06549**

Well Owner: **Lealand, Lori**

Elevation (AMSL) (m): **736**

AEP: **367424**

Drilling Contractor: *Reklow Water Well Drilling*

Licence No.:

Easting: **57,850.61**

Date Started: **01 Aug 91**

Northing: **5,927,648.50**

Date Completed: **10 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Cement/Grout**  
 from (m): to **61.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **8 St** Intake (m): **36.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **360.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	726.5			Clay Silty
27.4	708.2			Clay Soft Light Gray
33.5	702.1			Sand
51.8	683.9			Clay Soft Light Gray
57.6	678.1			Sand Fine Grained Light Gray
57.9	677.8			Shale Light Gray
64.0	671.7			Shale Light Gray
67.1	668.6			Sandstone
75.0	660.7			Shale Dark Gray
77.1	658.6			Sandstone Hard
79.2	656.4			Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 30-052-01 W5M**

Well Number **06550**

Well Owner: **Matuichuk, Mel**

Elevation (AMSL) (m): **736**

AEP: **359715**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **57,850.61**

Date Started: **26 Aug 91**

Northing: **5,927,648.50**

Date Completed: **26 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **54.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.5** to **50.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	735.1	Topsoil
4.6	731.1	Till Brown
10.1	725.6	Clay Brown
11.9	723.8	Clay Soft Blue
14.3	721.3	Sand Fine Grained Brown
18.6	717.1	Clay Blue
21.9	713.7	Sand Fine Grained Brown
24.1	711.6	Clay Blue
28.7	707.0	Sand Fine Grained Brown
30.5	705.2	Clay Blue
33.2	702.4	Sand Fine Grained Brown
36.0	699.7	Clay Blue
38.4	697.3	Sand Gray
40.8	694.8	Clay Blue
50.3	685.4	Sand Gray
54.9	680.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06551**

Well Owner: **Nernberg Construction**

Elevation (AMSL) (m): **736**

AEP: **443230**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **57,850.61**

Date Started: **14 Jan 95**

Northing: **5,927,648.50**

Date Completed: **15 Jan 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.6** Bottom (m): **68.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **68.6**  
**Liner:**  
 Type:  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **77.7**  
 Perforated How: **Saw**  
 from (m): **70.1** to **77.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **28.0** Drawdown (m): **9.1**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	729.6	Sand Silty
25.9	709.8	Clay
59.4	676.2	Sand
64.0	671.7	Shale Green
68.6	667.1	Shale Gray
74.7	661.0	Sandstone
77.7	657.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06552**

Well Owner: **Nicholson, Tom**

Elevation (AMSL) (m): **736**

AEP: **365313**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **57,850.61**

Date Started: **26 Jun 92**

Northing: **5,927,648.50**

Date Completed: **29 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **70.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **70.4** to **84.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m): **51.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **63.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
11.6	724.1	Clay Sandy Brown
40.8	694.8	Clay Blue
42.1	693.6	Gravel
45.7	689.9	Clay Blue
48.2	687.5	Shale
51.8	683.9	Sandstone
56.4	679.3	Shale
58.5	677.1	Sandstone
72.5	663.1	Shale
84.1	651.5	Sandstone
85.3	650.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06553**

Well Owner: **Rosnicki, Adam/Stan**

Elevation (AMSL) (m): **736**

AEP: **357233**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **57,850.61**

Date Started: **18 Jul 84**

Northing: **5,927,648.50**

Date Completed: **19 Jul 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): **71.6** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **74.7** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **43.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.4	722.3			Clay Brown
20.1	715.5			Sand
53.0	682.6			Clay Sandy Blue
55.8	679.9			Shale Green
62.2	673.5			Sandstone Light Gray
63.7	672.0			Shale Gray
65.2	670.4			Shale Green
70.7	665.0			Sandstone Light Gray
75.3	660.4			Shale Green
77.7	657.9			Sandstone Light Gray
85.3	650.3			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 30-052-01 W5M**

Well Number **06554**

Well Owner: **Ulmer, Brian**

Elevation (AMSL) (m): **736**

AEP: **396760**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,850.61**

Date Started: **12 Oct 93**

Northing: **5,927,648.50**

Date Completed: **12 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **23.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **23.5** to **24.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **15.9** Drawdown (m): **2.4**  
 Rec'd intake (m): **15.9** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	729.0	Clay Sandy Yellow
9.1	726.5	Clay & Sand Fine Grained Yello
11.0	724.7	Clay Yellow
18.3	717.4	Sand & Coal Yellow
21.3	714.3	Clay Blue
25.3	710.4	Sand
27.4	708.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06555**

Well Owner: **Wahl, Allan**

Elevation (AMSL) (m): **736**

AEP: **363523**

Drilling Contractor: *Measures, Tom Drilling*

Licence No.:

Easting: **57,850.61**

Date Started: **24 Feb 92**

Northing: **5,927,648.50**

Date Completed: **25 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **64.0**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **62.5** Bottom (m): **91.4**  
 Perforated How: **Machine**  
 from (m): **62.5** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **13 Stage** Intake (m): **45.7**

**Testing:**

Rate (lpm): **68.4** Time (minute): **570.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	731.1			Clay Sandy
62.5	673.2			Sand
66.1	669.5			Sandstone Gray
68.6	667.1			Shale Green
71.6	664.0			Shale Brown
73.2	662.5			Sandstone Gray
77.7	657.9			Shale Green
79.2	656.4			Shale Gray
80.8	654.9			Sandstone Gray
85.3	650.3			Shale Gray
88.4	647.3			Sandstone Gray
91.4	644.2			Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SE 30-052-01 W5M**

Well Number **06556**

Well Owner: **Wangler, Steven**

Elevation (AMSL) (m): **736**

AEP: **399724**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,850.61**

Date Started: **12 Aug 94**

Northing: **5,927,648.50**

Date Completed: **13 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.7** Bottom (m): **67.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **67.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **66.1** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **68.6** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **15.9** Drawdown (m): **1.8**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	728.4	Clay Sandy Yellow
8.2	727.4	Clay Blue
27.7	707.9	Sand
33.2	702.4	Clay Blue
45.4	690.3	Sand
59.7	675.9	Clay Blue
61.3	674.4	Shale Gray
63.1	672.6	Sandstone
69.5	666.2	Shale Green
72.2	663.4	Sandstone
74.1	661.6	Shale Green
79.6	656.1	Sandstone
82.0	653.7	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 30-052-01 W5M**

Well Number **06557**

Well Owner: **Wilhem, Dave**

Elevation (AMSL) (m): **736**

AEP: **351042**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,850.61**

Date Started: **27 Dec 89**

Northing: **5,927,648.50**

Date Completed: **28 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **72.5** Bottom (m): **72.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **72.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **71.6** Bottom (m): **93.0**  
 Perforated How: **Other**  
 from (m): **79.2** to **89.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	730.5	Clay Sandy Yellow
19.8	715.9	Sand
25.3	710.4	Clay Blue
57.0	678.7	Sand
69.2	666.5	Clay Blue
70.1	665.6	Shale Green
71.6	664.0	Sandstone
80.8	654.9	Shale Green
84.7	650.9	Sandstone
87.2	648.5	Shale Gray
89.3	646.4	Sandstone
93.0	642.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-01 W5M**

Well Number **06558**

Well Owner: **Zieke Holdings Ltd.**

Elevation (AMSL) (m): **736**

AEP: **351886**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **57,850.61**

Date Started: **13 Aug 90**

Northing: **5,927,648.50**

Date Completed: **15 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.3** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **0.9** to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.5** to **31.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **300.0**  
 Level End (m): **29.0** Drawdown (m): **13.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	721.0	Clay Sandy
16.8	718.9	Sand
18.3	717.4	Silt Sandy
19.8	715.9	Sand
29.9	705.8	Silt Sandy
30.5	705.2	Sand Fine Grained
31.1	704.6	Silt Sandy
31.7	704.0	Sand Fine Grained
32.3	703.4	Silt Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-052-01 W5M**

Well Number **06559**

Well Owner: **Cherfan, Tony**

Elevation (AMSL) (m): **729**

AEP: **359915**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **56,558.19**

Date Started: **09 Sep 91**

Northing: **5,927,317.00**

Date Completed: **11 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **89.0** Bottom (m): **89.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **89.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **87.5** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **94.5** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **56.4**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	722.2	Clay Brown
11.0	718.2	Clay Gray
13.1	716.1	Sand
46.6	682.5	Silt Gray
65.8	663.3	Sand
67.4	661.8	Shale Green
71.6	657.5	Shale & Sandstone
83.2	646.0	Sand & Coal
84.7	644.4	Shale Green
88.1	641.1	Sandstone
90.8	638.3	Shale
95.1	634.1	Shale Fractured
95.7	633.5	Coal
96.6	632.5	Shale
103.6	625.5	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-052-01 W5M**

Well Number **06560**

Well Owner: **Macdonald, Cam**

Elevation (AMSL) (m): **729**

AEP: **360019**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,558.19**

Date Started: **04 Oct 76**

Northing: **5,927,317.00**

Date Completed: **05 Oct 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **47.6**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **59.7**  
 Perforated How: **Torch**  
 from (m): **47.6** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
13.7	715.4		Clay Yellow
41.2	688.0		Clay Blue
47.6	681.6		Clay Yellow
48.8	680.4		Shale Green
51.2	678.0		Shale Sandy Gray
52.7	676.4		Shale Green
55.5	673.7		Sandstone Sandy Gray
56.7	672.5		Shale Green
60.0	669.1		Sandstone Sandy Gray
60.7	668.5		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 30-052-01 W5M**

Well Number **06561**

Well Owner: **Smutt, Nick**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **729**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **360020**  
 Easting: **56,558.19**  
 Northing: **5,927,317.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 30-052-01 W5M**

Well Number **06562**

Well Owner: **Stony Creek Homes Ltd**

Elevation (AMSL) (m): **729**

AEP: **443232**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,559.71**

Date Started: **25 Aug 95**

Northing: **5,927,326.00**

Date Completed: **27 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **61.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **68.6**  
 Perforated How: **Saw**  
 from (m): **61.0** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	715.6			Sand Silty
28.0	701.3			Silt Blue
39.0	690.3			Clay Blue
49.4	680.0			Sand Silty
54.9	674.5			Shale Gray
59.7	669.6			Shale Green
64.0	665.3			Shale Gray
68.6	660.8			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-31-052-01 W5M

Well Number 06563

Well Owner: **Vasileff & Sons Construction**

Elevation (AMSL) (m): **739**

AEP: **389856**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **57,818.35**

Date Started: **19 Feb 79**

Northing: **5,929,470.50**

Date Completed: **21 Feb 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **35.0** to **36.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **34.8**

**Testing:**

Rate (lpm): **13.7** Time (minute): **480.0**  
 Level End (m): Drawdown (m): **21.3**  
 Rec'd intake (m): **34.8** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	736.1	Clay Brown
22.9	716.3	Sand Brown
35.0	704.1	Clay & Sand
36.3	702.9	Sand Gray
36.6	702.6	Shale Green
45.7	693.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 31-052-01 W5M**

Well Number **06564**

Well Owner: **Bishop, George**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356891**  
 Easting: **57,652.90**  
 Northing: **5,930,147.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 31-052-01 W5M**

Well Number **06565**

Well Owner: **Bishop, George**

Elevation (AMSL) (m): **737**

AEP: **353011**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,722.71**

Date Started: **23 Oct 90**

Northing: **5,929,822.50**

Date Completed: **23 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **43.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **45.7** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	724.5	Clay Sandy Yellow
23.8	713.5	Sand
29.3	708.0	Clay Silty Blue
32.6	704.7	Sand
38.4	698.9	Clay Blue
46.6	690.7	Shale Green
47.6	689.8	Sandstone
55.5	681.8	Shale Gray
57.0	680.3	Sandstone
59.7	677.6	Shale Green
63.7	673.6	Sandstone
67.1	670.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 31-052-01 W5M**

Well Number **06566**

Well Owner: **Brule Construction**

Elevation (AMSL) (m): **744**

AEP: **389884**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **57,652.90**

Date Started: **18 Aug 80**

Northing: **5,930,147.00**

Date Completed: **18 Aug 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.8** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **43.3** to **44.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **29.7** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
19.2	724.8	Clay & Sand Sandy
42.1	701.9	Sand & Till Silty
44.8	699.2	Sand & Till

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06567**

Well Owner: **Brule Construction**

Elevation (AMSL) (m): **744**

AEP: **389883**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **57,652.90**

Date Started: **13 Nov 77**

Northing: **5,930,147.00**

Date Completed: **20 Nov 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Un**  
 OD (mm): **1.2**  
 from (m): **58.2** to **59.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	734.9			Clay
16.8	727.2			Sand
51.8	692.2			Till
58.8	685.2			Unknown
59.1	684.9			Coal
61.0	683.0			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06568**

Well Owner: **Buck, Beverly**

Elevation (AMSL) (m): **739**

AEP: **362182**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **57,563.36**

Date Started: **19 Jul 88**

Northing: **5,930,048.50**

Date Completed: **22 Jul 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **25.0** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	730.6			Clay Brown
19.8	718.7			Clay Soft Blue
26.8	711.7			Clay Silty
42.1	696.5			Clay Blue
43.0	695.6			Sandstone Brown
50.3	688.2			Shale Gray
54.3	684.3			Sand & Shale Gray
57.9	680.6			Shale Gray
60.0	678.5			Sandstone Coarse Grained Blue
61.0	677.6			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 31-052-01 W5M**

Well Number **06569**

Well Owner: **Deberham, Alec**

Elevation (AMSL) (m): **744**

AEP: **389882**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **57,652.90**

Date Started: **23 Jun 80**

Northing: **5,930,147.00**

Date Completed: **23 Jun 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **57.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **95.8** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **8.2**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **95.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	730.3	Sand Fine Grained Brown
25.0	719.0	Sand Coarse Grained Gray
25.9	718.1	Clay Blue
47.2	696.8	Sand Coarse Grained Gray
49.4	694.6	Clay Blue
52.7	691.3	Sand Coarse Grained Gray
54.0	690.0	Shale
56.4	687.6	Sandstone
58.8	685.2	Shale
62.8	681.2	Sandstone
64.0	680.0	Shale

Laboratory: **24 Jul 80**

pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>969.0</b>	SAR	Nickel
TDS	<b>677.0</b>	TKN	Selenium
Sodium	<b>158.01</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>76.95</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>517.97</b>	Arsenic	Total Hardness <b>260.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>168.11</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.08</b>	Chromium	Amm. Nitrogen
Iron	<b>0.68</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>425.0</b>
Silica	<b>12.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06570**

Well Owner: **Deford, Dwayne**

Elevation (AMSL) (m): **744**

AEP: **361197**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **57,652.90**

Date Started: **09 Sep 91**

Northing: **5,930,147.00**

Date Completed: **09 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Industria**  
 Completed Depth **40.2** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **27.7** to **29.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **12.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	722.7			Clay Sandy Brown
22.9	721.1			Clay Blue
28.0	716.0			Sand Coarse Grained
29.3	714.7			Gravel
39.6	704.4			Clay Blue
40.2	703.8			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06571**

Well Owner: **Lynne, Peter**

Elevation (AMSL) (m): **741**

AEP: **443847**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,567.91**

Date Started: **23 Jan 96**

Northing: **5,929,968.00**

Date Completed: **24 Jan 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.1** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Cutting**  
 from (m): to **51.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.0** Bottom (m): **74.1**  
 Perforated How: **Saw**  
 from (m): **57.9** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **74.1**

**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **23.8** Drawdown (m): **14.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	731.3	Clay Sandy Yellow
35.7	705.4	Sand
40.8	700.2	Clay Blue
43.6	697.5	Shale Green
46.0	695.1	Sandstone
54.3	686.8	Shale Green
55.5	685.6	Shale Gray
56.4	684.7	Sandstone
58.2	682.9	Shale Gray
71.9	669.1	Sandstone
74.1	667.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 31-052-01 W5M**

Well Number **06572**

Well Owner: **Martin, Rollie**

Elevation (AMSL) (m): **744**

AEP: **389860**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,652.90**

Date Started: **07 Dec 87**

Northing: **5,930,147.00**

Date Completed: **08 Dec 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.3** Bottom (m): **71.6**  
 Perforated How: **Other**  
 from (m): **57.9** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.8	731.2			Clay Sandy Yellow
22.6	721.4			Sand Silty
33.8	710.2			Clay Sandy Blue
36.0	708.0			Sand Silty
50.3	693.7			Clay Sandy Blue
52.4	691.6			Shale Gray
57.6	686.4			Shale Greenish Gray
59.1	684.9			Sandstone
63.4	680.6			Shale Green
65.5	678.5			Sandstone
67.4	676.6			Shale Gray
67.7	676.3			Coal
71.6	672.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06573**

Well Owner: **Maze, Anne**

Elevation (AMSL) (m): **743**

AEP: **360110**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,558.80**

Date Started: **15 Jul 91**

Northing: **5,930,167.00**

Date Completed: **16 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **55.2** Bottom (m): **73.2**  
 Perforated How: **Other**  
 from (m): **54.9** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **300.0**  
 Level End (m): **61.0** Drawdown (m): **49.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	732.4			Clay Sandy Yellow
25.6	717.8			Sand
27.7	715.7			Clay Blue
31.7	711.7			Sand
46.9	696.5			Clay Blue
47.6	695.9			Shale Gray
54.3	689.2			Sandstone
57.3	686.1			Sandstone Green
59.1	684.3			Sandstone
63.4	680.0			Shale Gray
68.3	675.1			Shale Brittle Green
71.9	671.5			Sandstone
73.2	670.3			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 31-052-01 W5M**

Well Number **06574**

Well Owner: **Vanderkaaden, Bill**

Elevation (AMSL) (m): **742**

AEP: **396764**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,904.84**

Date Started: **23 Sep 93**

Northing: **5,929,834.50**

Date Completed: **23 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **37.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **37.5** to **39.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **S8p4c02pf S/R** Intake (m): **30.5**

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **13.7**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

15.2 726.4 Clay Silty Yellow  
 27.4 714.2 Clay Blue  
 39.6 702.0 Sand  
 45.7 695.9 Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 31-052-01 W5M**

Well Number **06575**

Well Owner: **Vasileff & Son Construction**

Elevation (AMSL) (m): **741**

AEP: **389854**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **57,564.87**

Date Started: **07 Nov 78**

Northing: **5,929,977.00**

Date Completed: **08 Nov 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm): **0.9**  
 from (m): **43.3** to **44.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	735.2	Clay Brown
38.4	702.3	Clay & Sand Brown
39.9	700.7	Shale Green
42.1	698.6	Shale Gray
44.5	696.2	Sand Coarse Grained
45.7	695.0	Shale Gray

Laboratory:			22 Nov 78
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>924.0</b>	SAR	Nickel
TDS	<b>596.0</b>	TKN	Selenium
Sodium	<b>78.89</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>110.02</b>	TN	Vanadium
Magnesium	<b>22.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>483.81</b>	Arsenic	Total Hardness <b>370.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>139.77</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>0.48</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>397.0</b>
Silica	<b>13.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-052-01 W5M**

Well Number **06576**

Well Owner: **Velichka, Leonard**

Elevation (AMSL) (m): **743**

AEP: **404856**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,599.78**

Date Started: **23 Nov 94**

Northing: **5,930,144.00**

Date Completed: **23 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **65.5** Bottom (m): **65.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **65.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **69.8** to **82.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **54.0** Drawdown (m): **39.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	741.6			Clay Sandy Yellow
17.4	726.0			Sand Silty Yellow
42.4	701.0			Clay Blue
50.0	693.4			Sand
60.0	683.4			Clay Blue
61.0	682.4			Shale Green
63.1	680.3			Sandstone
70.4	673.0			Shale Green
72.2	671.2			Sandstone
75.6	667.8			Shale Gray
79.6	663.9			Sandstone
82.0	661.4			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 31-052-01 W5M**

Well Number **06577**

Well Owner: **Strause, Raymond**

Elevation (AMSL) (m): **739**

AEP: **351733**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,660.89**

Date Started: **09 Jul 90**

Northing: **5,929,820.50**

Date Completed: **10 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **56.4** to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **68.6**  
 Perforated How: **Machine**  
 from (m): **56.4** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	727.1	Clay Yellow
15.2	724.1	Sand Yellow
16.8	722.5	Clay Sandy Yellow
21.3	718.0	Coal Sandy
35.0	704.2	Clay Blue
37.5	701.8	Coal Sandy
38.4	700.9	Clay Blue
41.5	697.8	Coal Sandy
44.2	695.1	Sand Clayey Blue
51.8	687.5	Shale Green
54.9	684.4	Shale Sandy Gray
58.8	680.5	Shale Green
66.4	672.9	Shale & Sandstone
68.6	670.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-32-052-01 W5M

Well Number 06578

Well Owner: **Alta Env #1313e**

Elevation (AMSL) (m): **738**

AEP: **412759**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **58,075.46**

Date Started:

Northing: **5,929,573.00**

Date Completed: **09 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	731.5	Silt Soft Gray
10.7	726.9	Sand & Silt Lacustrine Gray
15.2	722.4	Silt & Coal Soft Gray
19.8	717.8	Clay Silty Gray
29.0	708.7	Clay Silty Dark Gray
33.5	704.1	Sand & Silt Soft Dark Gray
38.1	699.5	Sand & Coal Lacustrine
42.7	694.9	Sand Lacustrine Dark Gray
47.2	690.4	Clay Silty
56.4	681.2	Sand Medium Grained
58.8	678.8	Sand & Gravel Fine Grained
61.0	676.7	Siltstone & Coal Gray
64.3	673.3	Sandstone Fine Grained Gray
65.5	672.1	Siltstone Gray
70.1	667.5	Sandstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 32-052-01 W5M**

Well Number **06579**

Well Owner: **Congregation Of Jehovah Witne.**

Elevation (AMSL) (m): **741**

AEP: **351734**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,460.51**

Date Started: **14 Jun 90**

Northing: **5,929,826.50**

Date Completed: **14 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **24.7** to **25.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **15.9** Drawdown (m): **2.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

19.8 721.4 Clay Yellow  
 22.9 718.4 Clay Blue  
 26.8 714.4 Coal Sandy  
 32.0 709.2 Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 32-052-01 W5M**

Well Number **06580**

Well Owner: **Fuhr, Gary**

Elevation (AMSL) (m): **741**

AEP: **352285**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,460.51**

Date Started: **21 Sep 90**

Northing: **5,929,826.50**

Date Completed: **21 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.2** to **31.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.8	728.4	Clay Sandy Yellow
18.3	723.0	Clay Sandy Blue
32.0	709.2	Sand
35.0	706.2	Sand Fine Grained
36.6	704.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-052-01 W5M**

Well Number **06581**

Well Owner: **Miller, George**

Elevation (AMSL) (m): **741**

AEP: **366287**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,460.51**

Date Started: **01 Jul 92**

Northing: **5,929,826.50**

Date Completed: **03 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **98.1** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **74.4** Bottom (m): **74.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **74.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **98.1**  
 Perforated How: **Other**  
 from (m): **88.4** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **480.0**  
 Level End (m): **85.3** Drawdown (m): **73.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	737.0			Sand Silty
11.6	729.7			Clay Sandy Yellow
26.2	715.0			Clay Blue
29.9	711.4			Sand
50.6	690.7			Clay Blue
62.2	679.1			Sand
65.2	676.0			Clay Blue
68.3	673.0			Sandstone
72.2	669.0			Shale Gray
75.9	665.4			Shale Green
90.2	651.0			Shale Gray
94.8	646.5			Sandstone
95.7	645.5			Shale Gray
96.3	644.9			Shale & Coal Brown
98.1	643.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 32-052-01 W5M**

Well Number **06582**

Well Owner: **Hogan, Pat**

Elevation (AMSL) (m): **735**

AEP: **443235**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **58,043.80**

Date Started: **06 Aug 94**

Northing: **5,929,260.00**

Date Completed: **06 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Irrigation**  
 Completed Depth **61.9** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.9** Bottom (m): **61.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **37.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **PI**  
 OD (mm): **1.5**  
 from (m): **37.5** to **61.9** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **410.5** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **51.5**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	730.2	Clay	
6.1	728.7	Sand	
22.9	711.9	Sand Silty	
61.9	672.9	Sand	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 32-052-01 W5M**

Well Number **06583**

Well Owner: **Hogan, Pat**

Elevation (AMSL) (m): **734**

AEP: **352100**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **58,045.32**

Date Started: **09 Jul 90**

Northing: **5,929,252.50**

Date Completed: **13 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **91.4** Bottom (m): **91.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **91.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **88.4** Bottom (m): **109.7**  
 Perforated How: **Machine**  
 from (m): **91.4** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **81.7**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **620.0**  
 Level End (m): **73.2** Drawdown (m): **62.5**  
 Rec'd intake (m): **81.7** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	725.1	Sand
54.9	679.3	Clay Gray
57.9	676.3	Coal
85.3	648.9	Sand
86.0	648.3	Sandstone
87.8	646.4	Sandstone Soft
88.4	645.8	Sandstone
90.2	644.0	Sandstone Soft
95.1	639.1	Shale Gray
96.6	637.6	Sandstone Soft
97.5	636.7	Coal
100.6	633.6	Shale Gray
101.2	633.0	Sandstone
105.8	628.4	Shale Gray
106.7	627.5	Sandstone
109.7	624.5	Shale Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06584**

Well Owner: **Benedict, Eloise**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356892**  
 Easting: **60,815.73**  
 Northing: **5,929,289.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06585**

Well Owner: **Clements, M.**

Elevation (AMSL) (m): **729**

AEP: **362040**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,910.61**

Date Started: **27 Nov 91**

Northing: **5,929,057.00**

Date Completed: **28 Nov 91**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment: **Bentonite Product 29 Nov 91**

**Casing:**

Type: **Plastic**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **2.4** to **9.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **58.2** to **59.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.3**

**Testing:**

Rate (lpm): **109.5** Time (minute): **120.0**  
 Level End (m): **57.3** Drawdown (m): **38.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	726.3			Clay Sandy Brown
26.2	702.5			Silt & Coal Sandy Brown
29.6	699.2			Clay Gray
32.6	696.1			Coal
59.7	669.0			Silt & Coal Sandy Gray
61.0	667.8			Sand & Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 33-052-01 W5M**

Well Number **06586**

Well Owner: **Dunbar, Sandra**

Elevation (AMSL) (m): **727**

AEP: **360349**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **60,780.20**

Date Started: **19 Sep 91**

Northing: **5,929,727.00**

Date Completed: **25 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **80.8** Bottom (m): **80.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): **57.9** to **80.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.8** Bottom (m): **106.4**  
 Perforated How: **Saw**  
 from (m): **82.3** to **106.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **76.2** Drawdown (m): **59.4**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	713.1	Clay Sandy
40.8	686.0	Silt Sandy
45.7	681.1	Sand & Coal
46.9	679.9	Shale Shattered Green
56.4	670.4	Silt Sandy
61.9	665.0	Sand & Coal
66.4	660.4	Silt Sandy
75.6	651.2	Till
76.2	650.6	Till & Rocks
78.0	648.8	Till
80.8	646.1	Shale Green
86.0	640.9	Shale Brownish Gray
86.3	640.6	Coal
93.0	633.9	Shale Brownish Gray
96.9	629.9	Shale Green
100.0	626.9	Shale Sandy Gray
100.9	626.0	Shale Brown
101.5	625.3	Coal
103.6	623.2	Shale Brown
105.8	621.1	Shale Sandy Gray
106.4	620.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06587**

Well Owner: **Evans, Harold S.**

Elevation (AMSL) (m): **731**

AEP: **401090**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **60,815.73**

Date Started: **24 Aug 94**

Northing: **5,929,289.50**

Date Completed: **30 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **85.3**  
 Perforated How: **Torch**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **7g07** Intake (m): **85.3**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **44.2**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	725.2	Clay Gray
18.3	713.0	Silt Sandy
36.6	694.8	Sand Brown
48.8	682.6	Sand Blue
61.0	670.4	Sand Brown
67.1	664.3	Sand Gray
70.1	661.2	Shale Blue
73.2	658.2	Shale Brown
76.2	655.1	Shale Blue
82.3	649.0	Shale Brown
85.3	646.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 33-052-01 W5M**

Well Number **06588**

Well Owner: **Fuhr, Keith**

Elevation (AMSL) (m): **734**

AEP: **357878**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,513.06**

Date Started: **02 Apr 91**

Northing: **5,929,174.50**

Date Completed: **03 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **46.9** to **48.5** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	724.5			Clay Silty Yellow
19.2	714.4			Sand
21.3	712.3			Clay Hard Yellow
29.0	704.6			Clay Yellow
32.0	701.6			Sand
33.5	700.1			Clay Blue
50.3	683.3			Sand & Coal
51.8	681.8			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 33-052-01 W5M**

Well Number **06589**

Well Owner: **George, John**

Elevation (AMSL) (m): **726**

AEP: **360208**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,174.77**

Date Started: **21 Aug 80**

Northing: **5,929,672.00**

Date Completed: **27 Aug 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **74.1** Bottom (m): **74.1**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **74.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **110.0**  
 Perforated How: **Torch**  
 from (m): **74.1** to **110.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	715.7	Clay Yellow
33.2	692.8	Sand & Coal
33.5	692.5	Clay Blue
37.2	688.9	Sand & Coal
39.9	686.1	Shale Sandy Gray
45.7	680.3	Clay & Coal Blue
57.9	668.1	Clay & Coal Sandy Blue
64.6	661.4	Clay Blue
66.4	659.6	Shale Greenish Gray
67.1	659.0	Shale Sandy Gray
77.7	648.3	Shale Greenish Gray
82.0	644.1	Shale Gray
82.6	643.4	Shale Brown
83.2	642.8	Coal
86.6	639.5	Shale Brown
98.1	627.9	Shale Sandy Gray
98.8	627.3	Shale Brown
100.6	625.5	Soapstone
101.8	624.2	Shale & Coal Brown
109.4	616.6	Shale Gray
110.0	616.0	Coal
110.9	615.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06590**

Well Owner: **Heron, Ryan**

Elevation (AMSL) (m): **724**

AEP: **351739**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,698.09**

Date Started: **31 May 90**

Northing: **5,929,510.00**

Date Completed: **01 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **55.2** to **56.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
24.4	700.0	Clay Yellow
25.3	699.0	Clay Blue
33.2	691.1	Coal Sandy
37.2	687.2	Clay Blue
38.4	685.9	Sand
44.2	680.1	Clay Blue
49.4	675.0	Coal Sandy
50.6	673.7	Clay Blue
52.7	671.6	Coal Sandy
54.9	669.5	Clay Blue
57.6	666.7	Sand
59.4	664.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06591**

Well Owner: **Holland, Ralph**

Elevation (AMSL) (m): **731**

AEP: **379473**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,815.73**

Date Started: **02 May 94**

Northing: **5,929,289.50**

Date Completed: **02 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **49.7** to **51.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.2**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **39.3** Drawdown (m): **22.9**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	718.5	Clay Yellow
29.6	701.8	Sand
33.8	697.5	Clay Blue
45.1	686.2	Sand Silty
47.6	683.8	Clay Blue
51.5	679.8	Sand Coarse Grained
53.3	678.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 33-052-01 W5M**

Well Number **06592**

Well Owner: **Luckay, Cory**

Elevation (AMSL) (m): **731**

AEP: **379469**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,815.73**

Date Started: **03 May 94**

Northing: **5,929,289.50**

Date Completed: **03 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **36.6** to **39.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **56.4** to **57.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **21.9** Drawdown (m): **5.2**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.1	714.3			Clay Yellow
27.1	704.2			Sand Yellow
31.7	699.6			Clay Blue
39.0	692.3			Sand
41.8	689.6			Clay Blue
50.0	681.3			Sand Fine Grained
59.4	671.9			Sand Coarse Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 33-052-01 W5M**

Well Number **06593**

Well Owner: **Wendel, Gordon**

Elevation (AMSL) (m): **731**

AEP: **387031**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **60,815.73**

Date Started: **20 Jun 94**

Northing: **5,929,289.50**

Date Completed: **23 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **17.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **90.2** Bottom (m): **90.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **89.0** to **90.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **88.7** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **97.5** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **89.0**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **56.7** Drawdown (m): **39.3**  
 Rec'd intake (m): **71.9** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.4	703.9	Clay Silty Brown
33.5	697.8	Sand
38.1	693.2	Clay Brown
41.2	690.2	Sand & Coal Fine Grained
50.3	681.0	Sand Fine Grained
57.3	674.0	Sand & Coal Coarse Grained
58.5	672.8	Clay Brown
74.7	656.7	Sand
82.3	649.0	Clay Gray
84.7	646.6	Shale Gray
85.3	646.0	Sandstone Gray
88.7	642.6	Shale Mixed
91.1	640.2	Shale Greenish Gray
97.5	633.8	Shale Gray
102.1	629.2	Sandstone Gray
103.6	627.7	Shale & Sandstone Brownish Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-052-01 W5M**

Well Number **06594**

Well Owner: **Morin, Louis**

Elevation (AMSL) (m): **722**

AEP: **364072**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,821.74**

Date Started:

Northing: **5,929,105.50**

Date Completed: **24 Sep 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **108.0** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **42.7** to **43.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub, Ba8**

Model: **McDougall, 50ki** Intake (m): **21.0**

**Testing:**

Rate (lpm): **63.9** Time (minute): **510.0**  
 Level End (m): **7.6** Drawdown (m): **6.1**  
 Rec'd intake (m): **21.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	716.3			Clay Yellow
7.3	714.8			Clay Blue
30.5	691.6			Sand Fine Grained Yellow
33.5	688.6			Clay Soft
51.5	670.6			Sand & Coal
51.8	670.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**12-36-052-01 W5M**

Well Number **06595**

Well Owner: **Alta Env #1301e**

Elevation (AMSL) (m): **712**

AEP: **412760**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **64,518.32**

Date Started:

Northing: **5,929,977.50**

Date Completed: **29 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **74.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	707.5	Silt Oxidized Brownish Gray
10.4	701.7	Clay Gray
16.5	695.6	Silt Sandy Dark Gray
17.4	694.7	Silt Sandy Dark Gray
38.1	674.0	Sand Fine Grained Light Gray
41.8	670.3	Coal Black
43.6	668.5	Coal Sandy Dark Gray
69.5	642.6	Coal Black
70.7	641.3	Siltstone Hard Dark Gray
71.9	640.1	Sandstone Hard Light Gray
74.7	637.4	Siltstone Hard Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 36-052-01 W5M**

Well Number **06596**

Well Owner: **Stony Plain & Dist Pioneer Mus**

Elevation (AMSL) (m): **703**

AEP: **368630**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,514.03**

Date Started: **27 Aug 92**

Northing: **5,930,068.00**

Date Completed: **28 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **39.6** (m)  
 NPWL (m): **2.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **35.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **35.0** to **36.6** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **364.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **15.5**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **364.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	700.4			Clay Yellow
12.2	691.2			Clay Blue
15.9	687.6			Sand Fine Grained
19.5	683.9			Clay Blue
25.6	677.8			Sand & Coal
27.1	676.3			Clay Blue
37.5	665.9			Sand & Coal
39.6	663.8			Clay & Rocks Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-01 W5M**

Well Number **06597**

Well Owner: **West Parkland Gas Co-Op Ltd**

Elevation (AMSL) (m): **715**

AEP: **360021**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,547.97**

Date Started: **13 Dec 77**

Northing: **5,930,175.00**

Date Completed: **16 Dec 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **85.6** Bottom (m): **85.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **85.6**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **85.6** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **39.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	705.4	Clay Yellow
13.7	700.8	Clay Blue
19.8	694.7	Clay Silty
21.3	693.2	Shale Light Gray
23.8	690.8	Shale Greenish Gray
25.6	688.9	Shale Sandy Gray
27.4	687.1	Shale Dark Gray
32.0	682.5	Shale Brownish Green
37.5	677.0	Shale Sandy Gray
39.0	675.5	Shale Brittle Gray
39.3	675.2	Hard Ledges
40.5	674.0	Sand & Shale Brittle
43.6	670.9	Clay Blue
45.1	669.4	Shale Sandy Gray
62.5	652.0	Shale Brownish Gray
63.7	650.8	Shale Sandy Gray
65.5	649.0	Shale Brown
66.1	648.4	Shale Sandy Gray
82.0	632.5	Shale & Coal Brownish Gray
82.3	632.2	Sandstone
84.7	629.8	Shale Dark Gray
85.3	629.2	Shale Green
90.8	623.7	Shale Sandy Gray
92.7	621.9	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-052-01 W5M**

Well Number **06598**

Well Owner: **Cox, George/Ida**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **704**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361695**  
 Easting: **64,814.10**  
 Northing: **5,929,308.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

01-02-052-02 W5M

Well Number 06599

Well Owner: **Kreye, Norman H.**

Elevation (AMSL) (m): **737**

AEP: **369023**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,752.93**

Date Started: **29 Jun 76**

Northing: **5,920,799.00**

Date Completed: **30 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **71.6** Bottom (m): **71.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **71.6**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **71.6** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **53.3** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	729.9			Sand
48.8	688.7			Clay Blue
51.8	685.7			Sand
54.9	682.6			Clay Blue
57.9	679.6			Sand & Gravel
62.5	675.0			Clay Blue
65.2	672.3			Shale Gray
66.1	671.4			Shale Sandy Gray
72.2	665.3			Shale Green
74.1	663.4			Shale Sandy Gray
82.3	655.2			Shale Green
88.4	649.1			Shale Sandy Gray
92.7	644.8			Shale Gray
97.2	640.3			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 02-052-02 W5M**

Well Number **06600**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **743**

AEP: **377754**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **54,631.74**

Date Started: **20 May 93**

Northing: **5,921,931.50**

Date Completed: **21 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **84.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **84.7** Bottom (m): **84.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **70.1** to **73.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **84.7**  
 Perforated How: **Machine**  
 from (m): **73.2** to **84.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **76.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **48.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	724.4			Silt Brown
25.9	716.8			Clay Blue
27.4	715.3			Silt Blue
42.7	700.1			Clay Blue
54.9	687.9			Silt Blue
59.4	683.3			Shale Green
64.0	678.7			Shale Gray
70.1	672.6			Sandstone
74.7	668.1			Shale
84.7	658.0			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 02-052-02 W5M**

Well Number **06601**

Well Owner: **Barlund, Dave**  
 Drilling Contractor: *Double R Drlg*

Elevation (AMSL) (m): **750**      AEP: **365231**  
 Licence No.:                              Easting: **53,196.89**  
 Date Started: **15 Jun 92**          Northing: **5,921,937.00**  
 Date Completed: **18 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.0** (m)  
 NPWL (m): **33.5**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.5**      Bottom (m): **69.5**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m):              to **69.5**  
**Liner:**  
 Type:  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Top (m): **68.6**      Bottom (m): **86.0**  
 Perforated How: **Saw**  
 from (m): **74.7**      to **86.0**      Size:  
 from (m):              to                      Size:  
 from (m):              to                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to                      Size:  
 from (m):              to                      Size:  
**Open Hole:**  
 from (m):              to  
**Pump:**  
 Model:    Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **27.4**                              Time (minute): **480.0**  
 Level End (m):                                  Drawdown (m):  
 Rec'd intake (m): **73.2**                      Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	740.6	Clay Hard
13.7	736.0	Clay Sandy
19.8	729.9	Sand
32.0	717.7	Clay Silty
45.7	704.0	Till Sandy
54.9	694.9	Coal
66.4	683.3	Till & Rocks
68.3	681.5	Shale Sandy Gray
70.7	679.0	Shale Greenish Gray
72.5	677.2	Shale Sandy Gray
74.7	675.1	Shale & Sandstone Gray
78.6	671.1	Shale Green
79.6	670.2	Shale Sandy Gray
80.2	669.6	Sandstone Stringers Hard
81.7	668.0	Sandstone Fine Grained
83.8	665.9	Shale Sandy Gray
85.3	664.4	Sandstone
86.0	663.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 02-052-02 W5M**

Well Number **06602**

Well Owner: **Mickelson, Lyle**

Elevation (AMSL) (m): **738**

AEP: **377750**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **54,753.45**

Date Started: **11 Jan 94**

Northing: **5,920,811.50**

Date Completed: **14 Jan 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **105.5** (m)  
 NPWL (m): **42.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite & Cement**  
 from (m): to **71.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **105.5**  
 Perforated How: **Saw**  
 from (m): **83.8** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **70.1**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **42.1** Drawdown (m):  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	732.0	Clay Sandy Yellow
29.9	707.6	Clay Sandy Blue
36.9	700.6	Sand
54.6	682.9	Clay Sandy Blue
56.7	680.8	Sandstone Yellow
59.1	678.4	Sandstone
64.9	672.6	Shale Green
66.4	671.1	Sandstone
69.2	668.3	Shale Green
72.8	664.7	Shale Gray
84.1	653.4	Shale Green
85.3	652.2	Sandstone
93.6	643.9	Shale Green
103.0	634.5	Sandstone
105.5	632.0	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

04-03-052-02 W5M

Well Number 06603

Well Owner: **Alta Env #1309e**

Elevation (AMSL) (m): **733**

AEP: **412761**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,677.94**

Date Started:

Northing: **5,920,890.00**

Date Completed: **07 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	731.6	Clay Soft Brown
6.1	727.3	Clay Soft Brownish Gray
29.0	704.4	Clay Lacustrine Gray
37.2	696.2	Silt Lacustrine Gray
42.7	690.7	Silt Fine Grained Gray
47.2	686.1	Clay & Silt Lacustrine Gray
51.8	681.6	Silt & Coal Lacustrine Gray
53.0	680.4	Silt Lacustrine Gray
56.4	677.0	Till & Clay Gravelly Gray
61.0	672.4	Sand Medium Grained
65.5	667.9	Sand
79.2	654.1	Sand & Coal
86.3	647.1	Sand Gravelly
89.3	644.1	Gravel Preglacial
93.0	640.4	Sandstone Hard Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-03-052-02 W5M

Well Number 06604

Well Owner: **Kyle, Gord**

Elevation (AMSL) (m): **746**

AEP: **368882**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **51,731.18**

Date Started: **26 Jan 93**

Northing: **5,921,769.50**

Date Completed: **28 Jan 93**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic & Stock**  
Completed Depth **98.1** (m)  
NPWL (m): **54.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **79.6** Bottom (m): **79.6**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Bentonite Chips/Tabl**  
from (m): to **79.6**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **78.6** Bottom (m): **98.1**  
Perforated How: **Saw**  
from (m): **79.2** to **96.0** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **79.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **240.0**  
Level End (m): **70.1** Drawdown (m): **15.2**  
Rec'd intake (m): **73.2** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.6	734.0	Clay	Yellow	
41.8	703.9	Clay	Blue	
63.7	681.9	Sand		
65.8	679.8	Clay	Blue	
76.8	668.8	Sand		
78.3	667.3	Sandstone		
80.5	665.2	Shale	Green	
84.1	661.5	Sandstone		
89.6	656.0	Shale	Green	
95.7	649.9	Sandstone		
98.1	647.5	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

12-05-052-02 W5M

Well Number 06605

Well Owner: **Alta Env #1184e**

Elevation (AMSL) (m): **739**

AEP: **412762**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,401.25**

Date Started:

Northing: **5,921,755.50**

Date Completed: **27 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	736.5	Clay Soft Brownish Gray
23.2	715.7	Silt Soft Dark Gray
24.4	714.5	Silt Hard Dark Gray
26.5	712.4	Silt Dark Gray
29.0	709.9	Silt Sandy Dark Gray
33.5	705.4	Silt Sandy Dark Gray
35.0	703.8	Silt Sandy Dark Gray
36.6	702.3	Silt Sandy Dark Gray
39.3	699.6	Silt Hard Dark Gray
41.2	697.7	Coal
42.1	696.8	Silt & Coal
44.2	694.7	Silt Fine Grained
45.7	693.2	Gravel
49.4	689.5	Siltstone Hard Dark Gray
51.8	687.1	Sandstone & Coal Bentonitic Gr

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-052-02 W5M**

Well Number **06606**

Well Owner: **Pearce, G**

Elevation (AMSL) (m): **731**

AEP: **365766**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,409.90**

Date Started: **15 Jul 92**

Northing: **5,922,036.00**

Date Completed: **20 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **53.3** to **55.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **70.1** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05422** Intake (m): **48.8**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **27.4**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	722.4			Clay Brown
24.4	706.3			Clay Gray
29.0	701.7			Clay & Gravel Gray
41.5	689.2			Sand & Gravel
45.7	684.9			Sandstone Green
53.3	677.3			Sandstone & Gravel Green
54.0	676.7			Coal
56.4	674.3			Shale Gray
57.3	673.4			Shale Green
59.4	671.2			Coal
60.4	670.3			Shale Brown
61.6	669.1			Shale Green
62.5	668.2			Shale Gray
64.3	666.4			Sandstone
66.1	664.5			Shale Green
67.4	663.3			Shale Gray
68.0	662.7			Shale Green
71.9	658.7			Sandstone
73.2	657.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 05-052-02 W5M**

Well Number **06607**

Well Owner: **Saunders, Rick/Karen**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356865**  
 Easting: **48,372.93**  
 Northing: **5,921,993.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-052-02 W5M**

Well Number **06608**

Well Owner: **Barry, Dan**

Elevation (AMSL) (m): **732**

AEP: **396767**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **49,366.47**

Date Started: **11 May 94**

Northing: **5,920,856.00**

Date Completed: **13 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **47.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **64.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **62.2** Bottom (m): **87.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 5g05412** Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **13.7**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	723.3	Clay Sandy Yellow
47.2	685.2	Clay Blue
51.8	680.6	Sand & Coal
53.3	679.1	Clay Blue
63.4	669.0	Shale Sandy Gray
66.4	666.0	Shale Green
74.4	658.0	Shale Brittle
76.2	656.2	Shale Sandy Gray
76.8	655.6	Shale Green
77.4	655.0	Sandstone
80.5	651.9	Shale Green
83.5	648.9	Shale Sandy Gray
84.7	647.7	Shale Green
87.8	644.6	Shale Sandy Gray
88.1	644.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-052-02 W5M**

Well Number **06609**

Well Owner: **Eba Engineering Consultants**

Elevation (AMSL) (m): **734**

AEP: **396778**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,414.07**

Date Started: **15 Aug 94**

Northing: **5,920,812.50**

Date Completed: **17 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **59.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **80.8**  
 Perforated How: **Saw**  
 from (m): **68.6** to **78.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **80.8**

**Testing:**  
 Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **58.8** Drawdown (m): **31.4**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	726.1	Clay Sandy Yellow
36.3	697.8	Clay Sandy Blue
48.2	685.9	Sand
49.1	685.0	Sand & Gravel
50.3	683.7	Shale Gray
51.5	682.5	Sandstone
53.0	681.0	Shale & Coal Brown
55.2	678.9	Shale Green
57.6	676.4	Shale Gray
61.6	672.5	Shale Green
68.6	665.5	Shale Gray
70.7	663.3	Sandstone
73.8	660.3	Sandstone
75.0	659.1	Shale Green
78.3	655.7	Sandstone
80.8	653.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-06-052-02 W5M

Well Number 06610

Well Owner: **Alta Env #1185e**

Elevation (AMSL) (m): **747**

AEP: **412763**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **46,698.23**

Date Started:

Northing: **5,922,049.00**

Date Completed: **28 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.2	741.4	Clay Brownish Gray
13.4	733.1	Silt Sandy Dark Brown
15.2	731.3	Silt Soft Dark Brown
18.3	728.2	Silt Sandy Dark Brown
20.1	726.4	Silt Soft Dark Gray
23.8	722.8	Silt Sandy Brownish Gray
32.3	714.2	Sand & Silt Dark Gray
47.2	699.3	Silt Dark Gray
52.7	693.8	Siltstone & Coal
56.4	690.1	Siltstone & Coal Sandy Black
63.1	683.4	Siltstone Black
64.9	681.6	Sandstone Hard
70.1	676.4	Siltstone & Coal Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 06-052-02 W5M**

Well Number **06611**

Well Owner: **Dunstay, T.**

Elevation (AMSL) (m): **739**

AEP: **386726**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **46,897.52**

Date Started:

Northing: **5,921,574.00**

Date Completed: **07 Jul 94**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **60.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **53.3**                      Bottom (m): **53.3**  
 OD (mm): **114.3**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**EH 08-052-02 W5M**

Well Number **06612**

Well Owner: **Fuhr, Harold**

Elevation (AMSL) (m): **735**

AEP: **396782**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **49,707.84**

Date Started: **02 Aug 94**

Northing: **5,922,896.00**

Date Completed: **02 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **20.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **81.1**  
 Perforated How: **Saw**  
 from (m): **54.0** to **81.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **35.7**  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **35.7** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	727.6	Clay Yellow
39.6	695.0	Clay Blue
41.2	693.4	Sand Yellow
41.8	692.8	Clay Blue
43.3	691.3	Shale Sandy Green
45.4	689.2	Clay & Coal
48.8	685.8	Shale Sandy Gray
51.2	683.4	Shale Brown
53.0	681.5	Shale Sandy Gray
55.8	678.8	Shale Greenish Gray
62.2	672.4	Shale Sandy Gray
63.7	670.9	Shale Gray
64.6	670.0	Shale Green
69.5	665.1	Shale Sandy Gray
73.2	661.4	Shale Green
75.9	658.7	Shale & Sandstone Sandy Gray
78.3	656.2	Shale Greenish Gray
82.0	652.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-02 W5M**

Well Number **06613**

Well Owner: **Holmes, Don**

Elevation (AMSL) (m): **728**

AEP: **390454**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,419.96**

Date Started: **25 Aug 94**

Northing: **5,923,122.00**

Date Completed: **24 Jan 95**

**General:**

Type of Work: **Reconstructed**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **55.5** to **58.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.6** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **59.1** to **65.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **36.6**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **18.6**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	720.5			Clay Brown
17.4	711.1			Clay Gray
35.4	693.1			Sand & Gravel Coarse Grained
37.8	690.6			Sandstone
39.9	688.5			Shale Green
40.8	687.6			Sandstone
43.3	685.1			Shale Gray
44.2	684.2			Shale & Coal Brown
45.4	683.0			Sandstone
46.6	681.8			Shale & Coal Brown
48.5	680.0			Sandstone
49.4	679.0			Shale Gray
54.9	673.6			Sandstone
59.1	669.3			Shale Gray
63.4	665.0			Sandstone
67.1	661.4			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 08-052-02 W5M**

Well Number **06614**

Well Owner: **Nielsen, Erik/Rose**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365055**  
 Easting: **49,582.36**  
 Northing: **5,923,219.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-052-02 W5M**

Well Number **06615**

Well Owner: **Anderson, Curtis**

Elevation (AMSL) (m): **745**

AEP: **430904**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,224.68**

Date Started: **17 Nov 95**

Northing: **5,923,792.50**

Date Completed: **21 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **66.1** Bottom (m): **66.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **62.5** to **66.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **70.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g07422** Intake (m): **61.0**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **50.6**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	736.9			Clay Sandy Brown
25.3	719.8			Clay Gray
61.9	683.2			Sand & Coal Fine Grained Gray
63.1	682.0			Shale Gray
64.6	680.5			Sandstone
66.4	678.7			Shale Green
68.3	676.8			Sandstone
71.0	674.1			Shale Green
72.2	672.9			Sandstone
73.8	671.3			Shale Gray
77.4	667.7			Shale Green
81.4	663.7			Sandstone
85.3	659.8			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-02 W5M**

Well Number **06616**

Well Owner: **Eykelbosh, R.**

Elevation (AMSL) (m): **741**

AEP: **390453**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,210.41**

Date Started: **31 Aug 94**

Northing: **5,923,815.00**

Date Completed: **06 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **76.8** Bottom (m): **76.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **73.2** to **76.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **100.6**  
 Perforated How: **Machine**  
 from (m): **79.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **51.8**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	733.0	Clay Brown
20.4	721.1	Clay Gray
43.3	698.2	Sand
45.4	696.1	Gravel
59.1	682.4	Clay Gray
68.9	672.6	Sand
70.7	670.8	Gravel
72.8	668.6	Sand
75.3	666.2	Sandstone
77.4	664.1	Shale Green
78.3	663.2	Sandstone
78.9	662.5	Shale Green
81.7	659.8	Sandstone
85.0	656.4	Shale Green
86.0	655.5	Sandstone
87.5	654.0	Shale Gray
89.6	651.9	Sandstone
94.2	647.3	Shale Green
97.8	643.6	Sandstone
100.6	640.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-02 W5M**

Well Number **06617**

Well Owner: **Huston, L.**

Elevation (AMSL) (m): **745**

AEP: **390452**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,217.13**

Date Started: **19 Aug 94**

Northing: **5,923,790.00**

Date Completed: **23 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **70.1** to **73.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **76.2** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **61.0**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **46.3**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.4	735.1			Clay Brown
22.3	722.3			Clay Gray
29.3	715.3			Sand
69.2	675.4			Clay Gray
70.4	674.1			Gravel
71.9	672.6			Sandstone
74.1	670.5			Shale Green
75.3	669.3			Shale Gray
76.8	667.7			Shale Green
80.5	664.1			Sandstone
82.0	662.6			Shale Green
82.9	661.7			Sandstone
85.3	659.2			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-052-02 W5M**

Well Number **06618**

Well Owner: **Shandro, D.**

Elevation (AMSL) (m): **738**

AEP: **370015**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **49,199.50**

Date Started: **19 Aug 93**

Northing: **5,923,842.50**

Date Completed: **23 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **75.6** Bottom (m): **75.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **74.1** to **74.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **76.2** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g07422** Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **52.4**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	729.2	Clay Brown
31.1	706.7	Clay & Sand Gray
34.4	703.3	Sand Gray
58.5	679.2	Clay & Sand Gray
72.8	664.9	Sand & Coal
73.5	664.3	Shale Green
74.4	663.4	Sandstone
75.9	661.9	Shale Green
82.9	654.9	Sandstone
85.3	652.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-02 W5M**

Well Number **06619**

Well Owner: **Balogh, Jeno**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **733**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365264**  
 Easting: **49,586.82**  
 Northing: **5,922,485.23**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SE 08-052-02 W5M**

Well Number **06620**

Well Owner: **Barube, Hector**

Elevation (AMSL) (m): **733**

AEP: **380502**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **49,586.82**

Date Started: **12 Nov 92**

Northing: **5,922,485.00**

Date Completed: **18 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **47.6**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **48.2** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **25.9**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	718.9	Clay Sandy Brown
22.6	710.1	Clay Blue
23.8	708.9	Gravel
29.0	703.7	Clay Blue
36.6	696.1	Gravel & Boulders
41.8	690.9	Clay Blue
53.3	679.3	Shale
57.9	674.7	Sandstone
59.7	672.9	Shale
65.5	667.1	Sandstone
71.9	660.7	Shale
73.2	659.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-02 W5M**

Well Number **06621**

Well Owner: **Nielsen, Erik**

Elevation (AMSL) (m): **733**

AEP: **365315**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **49,586.82**

Date Started: **07 May 92**

Northing: **5,922,485.00**

Date Completed: **08 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **42.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **41.8** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **42.1** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	728.1	Clay Brown
26.8	705.8	Clay Blue
28.0	704.6	Coal
35.4	697.3	Clay Blue
37.2	695.5	Sandstone
37.8	694.9	Coal
39.3	693.3	Shale
39.9	692.7	Coal
40.5	692.1	Shale
40.8	691.8	Coal
41.5	691.2	Shale
41.8	690.9	Coal
43.9	688.8	Shale
44.5	688.1	Coal
45.7	686.9	Shale
50.3	682.4	Coal
51.8	680.8	Shale
54.9	677.8	Coal
64.0	668.6	Shale
66.4	666.2	Coal
67.1	665.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-052-02 W5M**

Well Number **06622**

Well Owner: **Sigvaldeson, Eric**

Elevation (AMSL) (m): **728**

AEP: **365314**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **49,556.15**

Date Started: **19 Feb 92**

Northing: **5,923,191.00**

Date Completed: **22 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **43.3**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **42.4** Bottom (m): **68.0**  
 Perforated How: **Saw**  
 from (m): **43.6** to **68.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **24.4**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
4.9	723.3		Clay Brown
25.0	703.2		Clay Blue
25.9	702.2		Coal
28.4	699.8		Clay Blue
29.6	698.6		Coal
36.0	692.2		Clay Blue
40.8	687.3		Shale
41.5	686.7		Coal
45.1	683.0		Shale
46.9	681.2		Sandstone
57.3	670.9		Shale
58.2	669.9		Coal
63.4	664.8		Shale
66.8	661.4		Sandstone
68.0	660.2		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-052-02 W5M**

Well Number **06623**

Well Owner: **Burton, Brian**

Elevation (AMSL) (m): **728**

AEP: **373906**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **51,076.64**

Date Started: **27 Oct 93**

Northing: **5,923,780.50**

Date Completed: **01 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **50.9** to **52.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 5g05422** Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **39.6**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	721.0	Clay Brown
12.8	715.2	Clay Gray
24.4	703.7	Clay & Sand Gray
42.1	686.0	Sand Gray
43.3	684.8	Clay Gray
46.0	682.0	Shale Gray
47.6	680.5	Shale Green
52.4	675.6	Sandstone
54.3	673.8	Shale Green
56.1	672.0	Sandstone
57.6	670.4	Shale Green
60.0	668.0	Sandstone
64.0	664.0	Shale Green
65.8	662.2	Sandstone
67.1	661.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-052-02 W5M**

Well Number **06624**

Well Owner: **Woods, Tom**

Elevation (AMSL) (m): **741**

AEP: **365316**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **51,288.22**

Date Started: **10 Jun 92**

Northing: **5,922,429.50**

Date Completed: **11 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **102.1** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **82.3** Bottom (m): **82.3**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **82.3**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **82.0** Bottom (m): **102.1**  
 Perforated How: **Saw**  
 from (m): **82.6** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkeley 7mg16** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **24.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	729.3	Clay Sandy Brown
42.7	698.8	Clay Blue
48.8	692.7	Sand Coarse Grained Gray
57.9	683.6	Clay Blue
65.5	676.0	Shale
70.7	670.8	Sandstone
71.6	669.9	Shale
77.1	664.4	Sandstone
79.2	662.2	Shale
82.3	659.2	Sandstone
84.7	656.8	Shale
91.4	650.0	Sandstone
94.5	647.0	Shale
96.0	645.5	Sandstone
102.1	639.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-052-02 W5M**

Well Number **06625**

Well Owner: **Halverson, Len**

Elevation (AMSL) (m): **728**

AEP: **380506**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **50,076.13**

Date Started: **27 Aug 92**

Northing: **5,922,762.50**

Date Completed: **31 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **50.3** to **54.9** Size:  
 from (m): **53.3** to **67.1** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkley 10mg77** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	727.0	Clay
39.6	688.6	Clay Blue
44.5	683.8	Gravel
48.8	679.5	Shale
54.9	673.4	Sandstone
73.2	655.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-052-02 W5M**

Well Number **06626**

Well Owner: **Hannon, D/Mctavish, C.J.Owne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367417**  
 Easting: **50,076.13**  
 Northing: **5,922,762.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **4.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-10-052-02 W5M

Well Number 06627

Well Owner: **Alta Env #1511e**

Elevation (AMSL) (m): **750**

AEP: **412764**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,878.87**

Date Started:

Northing: **5,922,254.00**

Date Completed: **30 Sep 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	744.3	Silt Lacustrine Gray
12.2	738.2	Sand & Silt Lacustrine
16.5	734.0	Silt Lacustrine Gray
18.3	732.1	Clay Lacustrine Dark Gray
24.4	726.0	Clay Silty Dark Gray
31.1	719.3	Clay Sandy Dark Gray
36.6	713.9	Till & Clay Sandy Dark Brown
42.7	707.8	Clay & Gravel Sandy Dark Gray
56.1	694.3	Till & Clay Dark Gray
60.7	689.8	Till & Clay Sandy Dark Gray
62.2	688.2	Sand & Gravel Preglacial
65.2	685.2	Siltstone Gray
73.2	677.3	Sandstone Bentonitic Gray
79.2	671.2	Sandstone Medium Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



14-10-052-02 W5M

Well Number 06628

Well Owner: **Savard, D**

Elevation (AMSL) (m): **747**

AEP: **366551**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **51,704.44**

Date Started: **01 Oct 92**

Northing: **5,923,822.00**

Date Completed: **06 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **42.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **94.2** Bottom (m): **94.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **94.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **91.4** Bottom (m): **109.7**  
 Perforated How: **Saw**  
 from (m): **94.5** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g07422** Intake (m): **73.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **30.8**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	742.2	Clay Brown
29.9	716.6	Clay Gray
57.6	688.9	Sand & Gravel
74.7	671.8	Clay Gray
76.8	669.7	Shale Gray
78.3	668.2	Sandstone
82.9	663.6	Shale Gray
83.8	662.7	Sandstone
87.2	659.3	Shale Gray
90.5	656.0	Shale Green
92.7	653.9	Sandstone
94.8	651.7	Shale Gray
96.0	650.5	Sandstone
96.6	649.9	Coal
100.0	646.5	Shale Green
102.1	644.4	Sandstone
103.3	643.2	Shale Green
104.9	641.7	Sandstone
109.7	636.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 11-052-02 W5M**

Well Number **06629**

Well Owner: **Adcock, Sandy**

Elevation (AMSL) (m): **750**

AEP: **418216**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,190.45**

Date Started: **25 Sep 95**

Northing: **5,922,605.50**

Date Completed: **25 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.3** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **40.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **46.6** to **48.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.2**  
**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **28.7** Drawdown (m): **15.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.4	733.0	Clay Sandy Yellow
23.8	726.6	Sand
40.2	710.1	Clay Blue
48.5	701.9	Sand
58.2	692.2	Clay Blue
61.9	688.5	Sand
64.3	686.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-052-02 W5M**

Well Number **06630**

Well Owner: **Ridsdale, Tim**

Elevation (AMSL) (m): **750**

AEP: **406431**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,190.45**

Date Started: **08 May 95**

Northing: **5,922,605.50**

Date Completed: **11 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **146.3** (m)  
 NPWL (m): **49.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **118.0** Bottom (m): **118.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **118.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **116.4** Bottom (m): **146.3**  
 Perforated How: **Saw**  
 from (m): **121.9** to **146.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **146.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **127.7** Drawdown (m): **78.0**  
 Rec'd intake (m): **106.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	739.4	Clay Sandy Yellow
32.9	717.4	Sand
46.0	704.3	Clay Blue
56.1	694.3	Sand
74.4	676.0	Clay Blue
100.0	650.4	Sand
104.2	646.1	Sand & Gravel
104.9	645.5	Clay Blue
107.6	642.8	Sandstone
113.4	637.0	Shale Gray
118.6	631.8	Shale Green
126.2	624.2	Shale Gray
128.3	622.1	Sandstone
135.9	614.4	Shale Gray
137.5	612.9	Shale & Coal Brown
139.9	610.5	Shale Gray
142.6	607.7	Sandstone
146.3	604.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-12-052-02 W5M

Well Number 06631

Well Owner: **Alta Env #1186e**

Elevation (AMSL) (m): **738**

AEP: **412765**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **55,067.84**

Date Started:

Northing: **5,923,534.16**

Date Completed: **28 May 74**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Other** **28 May 74**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
8.5	730.0	Clay Soft Brown
12.8	725.7	Silt Soft Brown
13.7	724.8	Silt & Coal Soft Brown
15.2	723.2	Silt Soft Brown
18.9	719.6	Sand Fine Grained Brown
19.5	719.0	Coal Brown
23.2	715.3	Sand Fine Grained Brown
23.5	715.0	Coal Soft Brown
25.9	712.6	Silt Soft Brown
27.4	711.1	Sand Soft Brown
27.7	710.7	Sand & Coal Soft Brown
41.2	697.3	Sand Soft Brown
47.2	691.2	Sand & Coal Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 12-052-02 W5M**

Well Number **06632**

Well Owner: **Gabel, Gwen**

Elevation (AMSL) (m): **741**

AEP: **380750**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,386.68**

Date Started: **12 Jun 95**

Northing: **5,923,585.00**

Date Completed: **15 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **134.4** (m)  
 NPWL (m): **32.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **100.6** Bottom (m): **100.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **100.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **99.1** Bottom (m): **134.4**  
 Perforated How: **Saw**  
 from (m): **113.7** to **134.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **134.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **116.7** Drawdown (m): **83.8**  
 Rec'd intake (m): **106.7** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.9	722.0	Clay Sandy Yellow
26.5	714.4	Clay Blue
39.3	701.6	Sand
63.1	677.8	Clay Blue
89.6	651.3	Sand
90.5	650.4	Clay Blue
95.4	645.5	Sandstone
103.9	637.0	Shale Green
113.4	627.5	Shale Gray
114.6	626.3	Shale & Coal Brown
116.4	624.5	Shale Gray
126.8	614.1	Sandstone
128.6	612.3	Shale Gray
134.4	606.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-052-02 W5M**

Well Number **06633**

Well Owner: **Mire, Joe**

Elevation (AMSL) (m): **741**

AEP: **351473**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **55,767.27**

Date Started: **09 Jun 90**

Northing: **5,922,970.50**

Date Completed: **18 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **83.5** Bottom (m): **83.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **83.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.2** Bottom (m): **91.4**  
 Perforated How: **Torch**  
 from (m): **91.4** to **80.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **77.7** Drawdown (m): **16.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	719.5	Till Sandy Brown
51.8	689.0	Till Gray
71.6	669.2	Sand & Gravel
80.8	660.1	Shale Soft Gray
86.3	654.6	Shale Gray
86.9	654.0	Shale Blue
91.4	649.4	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-052-02 W5M**

Well Number **06634**

Well Owner: **Northcott, Dave**

Elevation (AMSL) (m): **741**

AEP: **350939**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **55,767.27**

Date Started: **07 May 90**

Northing: **5,922,970.50**

Date Completed: **11 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **68.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.8** Bottom (m): **93.0**  
 Perforated How: **Machine**  
 from (m): **93.0** to **80.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **360.0**  
 Level End (m): **91.4** Drawdown (m): **51.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	731.7	Clay
16.8	724.1	Clay Sandy
30.5	710.4	Clay Silty
36.6	704.3	Clay Silty
53.3	687.5	Coal Sandy
57.9	682.9	Clay Silty
67.1	673.8	Till Sandy
68.6	672.3	Shale Gray
73.2	667.7	Shale Green
79.2	661.6	Shale Gray
82.3	658.6	Shale & Sandstone Gray
88.4	652.5	Shale Gray
92.1	648.8	Sandstone
93.0	647.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-052-02 W5M**

Well Number **06635**

Well Owner: **White, Maureen Clare**

Elevation (AMSL) (m): **738**

AEP: **365382**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,180.76**

Date Started:

Northing: **5,923,127.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 14-052-02 W5M**

Well Number **06636**

Well Owner: **Halabi, Sam/Christine**

Elevation (AMSL) (m): **741**

AEP: **356866**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **53,810.38**

Date Started:

Northing: **5,925,415.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **129.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 14-052-02 W5M**

Well Number **06637**

Well Owner: **Alta Parks & Rec#Hasse Lake**  
 Drilling Contractor: *Alberta Eagle Drilling Ltd.*

Elevation (AMSL) (m): **730**                      AEP: **359716**  
 Licence No.:    Easting: **54,355.78**  
 Date Started: **14 Aug 91**                      Northing: **5,924,414.00**  
 Date Completed: **15 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Combination**  
 Well Use: **Domestic**  
 Completed Depth **61.9** (m)  
 NPWL (m): **3.5**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.6**                      Bottom (m): **57.6**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):                      to **18.3**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **57.0**                      to **60.0**                      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump: Hand**  
 Model:    Intake (m): **32.9**  
**Testing:**  
 Rate (lpm): **77.5**                      Time (minute): **240.0**  
 Level End (m): **31.7**                      Drawdown (m): **28.0**  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	727.4	Sand Brown
17.4	713.0	Sand Silty Brown
18.0	712.4	Coal
19.2	711.2	Clay Silty Gray
25.6	704.8	Sand Silty Brownish Gray
47.6	682.9	Clay Silty Gray
61.9	668.5	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**13-15-052-02 W5M**

Well Number **06638**

Well Owner: **Alta Env #1310e**

Elevation (AMSL) (m): **747**

AEP: **412766**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,542.75**

Date Started:

Northing: **5,925,330.50**

Date Completed: **08 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	741.2	Clay Oxidized Gray
38.1	709.2	Clay Lacustrine Gray
39.6	707.7	Clay Silty Gray
48.8	698.6	Silt Lacustrine Gray
51.8	695.5	Till & Clay Gravelly Gray
67.1	680.3	Till & Clay Gravelly Gray
74.7	672.7	Sand & Coal Medium Grained
79.2	668.1	Sand & Coal Fine Grained
83.8	663.5	Sand & Coal Carbonaceous
84.4	662.9	Sand
85.3	662.0	Gravel Preglacial
88.4	659.0	Siltstone & Sandstone Compacte
89.9	657.4	Siltstone Compacted Gray
93.0	654.4	Sandstone Fine Grained Light G

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-052-02 W5M**

Well Number **06639**

Well Owner: **Hinko, Steve**

Elevation (AMSL) (m): **744**

AEP: **373908**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **52,699.43**

Date Started: **26 Jul 93**

Northing: **5,924,373.00**

Date Completed: **28 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **128.6** (m)  
 NPWL (m): **42.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **106.1** Bottom (m): **106.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **106.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **104.9** Bottom (m): **128.6**  
 Perforated How: **Saw**  
 from (m): **112.8** to **128.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **103.6**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **28.0**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.5	721.0	Clay Sandy Yellow
24.4	720.1	Sand & Gravel
32.9	711.6	Clay Blue
62.8	681.7	Sand
68.3	676.2	Clay Blue
69.8	674.7	Sandstone
83.5	661.0	Clay Blue
95.1	649.4	Sand & Coal
100.0	644.5	Sandstone
108.8	635.7	Shale Green
110.9	633.5	Sandstone
114.6	629.9	Shale Gray
127.4	617.1	Sandstone
128.6	615.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-052-02 W5M**

Well Number **06640**

Well Owner: **Keating, Paul/Lorclei**

Elevation (AMSL) (m): **737**

AEP: **418061**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **49,962.30**

Date Started: **20 Sep 95**

Northing: **5,925,118.50**

Date Completed: **21 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **60.7** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **62.2** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **McDonald** Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **9.8**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	728.0	Clay Yellow
57.9	679.2	Clay Blue
58.5	678.6	Shale Soft Brown
61.9	675.3	Shale Sandy Gray
63.7	673.4	Shale Green
65.5	671.6	Shale Sandy Gray
67.1	670.1	Shale Green
70.4	666.7	Shale Sandy Gray
72.8	664.3	Shale Green
74.7	662.5	Shale Sandy Gray
77.7	659.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 16-052-02 W5M**

Well Number **06641**

Well Owner: **Guy, Gordon**

Elevation (AMSL) (m): **734**

AEP: **351286**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **50,816.06**

Date Started: **30 May 90**

Northing: **5,924,586.50**

Date Completed: **31 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.6** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **54.6** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.5** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	726.8	Clay Yellow
54.0	680.5	Clay Blue
55.2	679.3	Shale Green
57.3	677.1	Shale Sandy Gray
57.9	676.5	Shale Gray
61.0	673.5	Shale Sandy Gray
62.2	672.2	Shale Green
63.1	671.3	Shale Sandy Gray
64.0	670.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 16-052-02 W5M**

Well Number **06642**

Well Owner: **Smith, Frank A.**

Elevation (AMSL) (m): **729**

AEP: **351704**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **50,683.84**

Date Started: **11 Jul 90**

Northing: **5,924,694.50**

Date Completed: **12 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **62.5**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **62.5** Bottom (m): **67.7**  
 Perforated How: **Machine**  
 from (m): **62.5** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.5** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	721.5	Clay Yellow
54.9	673.7	Clay Blue
56.4	672.1	Shale Gray
58.5	670.0	Shale Sandy Gray
59.4	669.1	Shale Green
60.4	668.2	Sandstone
63.7	664.8	Shale Green
67.4	661.2	Shale Sandy Gray
68.6	659.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 16-052-02 W5M**

Well Number **06643**

Well Owner: **Sundberg, Frank A**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361696**  
 Easting: **50,917.88**  
 Northing: **5,924,326.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 16-052-02 W5M**

Well Number **06644**

Well Owner: **Borynec, N.**

Elevation (AMSL) (m): **727**

AEP: **366552**

Licence No.:

Easting: **50,373.89**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **08 Sep 92**

Northing: **5,924,270.50**

Date Completed: **11 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **89.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **78.0** Bottom (m): **78.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **76.2** to **78.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **89.9**  
 Perforated How: **Saw**  
 from (m): **77.7** to **89.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05422** Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **30.5**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	721.7	Clay Brown
11.3	715.9	Silt Gray
48.8	678.4	Clay Gray
60.0	667.1	Till & Clay Gray
62.2	665.0	Clay Gray
71.6	655.6	Shale Dark Gray
76.2	651.0	Shale Mixed
78.0	649.2	Shale Green
79.2	647.9	Sandstone Gray
85.3	641.8	Shale Green
86.9	640.3	Sandstone Gray
89.9	637.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-17-052-02 W5M

Well Number 06645

Well Owner: **Alta Env #1315e**

Elevation (AMSL) (m): **755**

AEP: **401725**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,317.35**

Date Started:

Northing: **5,925,401.00**

Date Completed: **10 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
13.7	741.2	Silt Soft Greenish Yellow
15.2	739.7	Silt Lacustrine Brown
19.8	735.1	Clay Silty Brown
24.4	730.5	Sand Very Fine Grained Brown
29.0	726.0	Clay Silty Brown
36.6	718.3	Clay
44.2	710.7	Clay Compacted
47.2	707.7	Sandstone Gray
53.6	701.3	Siltstone Compacted Gray
56.4	698.5	Shale & Siltstone Hard Dark Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-17-052-02 W5M

Well Number **06646**

Well Owner: **Alta Env #1315e**

Elevation (AMSL) (m): **755**

AEP: **412767**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,317.35**

Date Started:

Northing: **5,925,401.00**

Date Completed: **10 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
13.7	741.2	Silt Lacustrine Gray
15.2	739.7	Clay & Silt Sandy Dark Gray
19.8	735.1	Clay & Silt Lacustrine Dark Gr
24.4	730.5	Sand Fine Grained Dark Gray
29.0	726.0	Clay Silty Dark Gray
36.6	718.3	Clay
44.2	710.7	Clay Compacted
47.2	707.7	Clay Gray
51.8	703.1	Siltstone Compacted
53.6	701.3	Siltstone Carbonaceous Gray
56.4	698.5	Shale & Siltstone Hard Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-052-02 W5M**

Well Number **06647**

Well Owner: **Ford, Garth**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **739**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356867**  
 Easting: **48,651.16**  
 Northing: **5,925,140.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **5.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-052-02 W5M**

Well Number **06648**

Well Owner: **Hayes, David**

Elevation (AMSL) (m): **739**

AEP: **353909**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,212.36**

Date Started: **18 Oct 77**

Northing: **5,924,543.50**

Date Completed: **19 Oct 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **75.0** Bottom (m): **75.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **75.0**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **84.7**  
 Perforated How: **Unknown**  
 from (m): **75.0** to **84.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.9	715.9			Clay Yellow
53.3	685.4			Sand & Coal
67.1	671.7			Clay Blue
69.8	669.0			Clay Yellow
70.7	668.1			Shale Gray
72.8	665.9			Shale Green
74.4	664.4			Shale Sandy Black
76.5	662.3			Shale Green
78.9	659.8			Shale Sandy Gray
79.6	659.2			Shale Green
85.3	653.4			Shale Sandy Gray
85.6	653.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 18-052-02 W5M**

Well Number **06649**

Well Owner: **Hopkins, Bruce**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **739**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356868**  
 Easting: **48,218.15**  
 Northing: **5,924,405.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

---19-052-02 W5M

Well Number 06650

Well Owner: **Smith, Wayne A**

Elevation (AMSL) (m): **748**

AEP: **365909**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **47,878.68**

Date Started:

Northing: **5,925,982.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 19-052-02 W5M**

Well Number **06651**

Well Owner: **Gagnon, Claude**

Elevation (AMSL) (m): **741**

AEP: **386252**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **47,759.34**

Date Started: **27 Jun 94**

Northing: **5,926,441.00**

Date Completed: **28 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **42.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.2** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.6** Drawdown (m): **45.1**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	732.9	Clay Sandy Yellow
19.8	721.3	Clay Sandy Blue
23.2	717.9	Sand
33.2	707.9	Clay Sandy Blue
36.0	705.1	Sand
38.7	702.4	Clay Sandy Blue
46.3	694.8	Shale Gray
46.9	694.2	Shale & Coal Brown
52.4	688.7	Shale Gray
55.2	685.9	Shale Greenish Gray
62.8	678.3	Shale Gray
64.6	676.5	Sandstone
71.9	669.2	Shale Gray
73.8	667.3	Sandstone
76.2	664.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 19-052-02 W5M**

Well Number **06652**

Well Owner: **Vost, Gary**

Elevation (AMSL) (m): **740**

AEP: **387034**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **47,948.58**

Date Started: **29 Jun 94**

Northing: **5,926,492.00**

Date Completed: **30 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **45.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.9** Bottom (m): **64.3**  
 Perforated How: **Saw**  
 from (m): **48.2** to **62.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.3**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **46.6** Drawdown (m): **28.4**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	733.4			Clay Sandy Yellow
36.0	704.4			Clay Sandy Blue
37.5	702.9			Sand
38.7	701.7			Clay Blue
40.8	699.5			Sandstone
41.5	698.9			Coal
48.2	692.2			Shale Gray
50.0	690.4			Sandstone
54.3	686.1			Shale Gray
61.9	678.5			Sandstone
64.3	676.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-052-02 W5M**

Well Number **06653**

Well Owner: **Manning, Cheryl**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **763**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366526**  
 Easting: **46,667.04**  
 Northing: **5,925,760.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-052-02 W5M**

Well Number **06654**

Well Owner: **Lagaden, Randy/Linda**

Elevation (AMSL) (m): **750**

AEP: **365423**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **49,459.74**

Date Started: **22 Jun 92**

Northing: **5,926,731.00**

Date Completed: **22 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **12.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **36.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.2** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **39.3** to **59.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **24.1**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.7	743.6	Clay Brownish Yellow
28.0	722.3	Clay Blue
29.9	720.5	Sand & Rocks Coarse Grained
31.4	718.9	Clay Blue
31.7	718.6	Coal
32.3	718.0	Shale Brown
33.2	717.1	Clay Blue
37.2	713.2	Shale Light Gray
41.2	709.2	Sandstone Fine Grained
41.8	708.6	Coal
42.4	708.0	Shale Brown
43.6	706.8	Shale Gray
45.1	705.2	Sandstone Fine Grained
48.5	701.9	Shale Green
50.0	700.4	Sandstone Medium Grained
52.1	698.2	Shale Gray
54.0	696.4	Sandstone Fine Grained
54.6	695.8	Shale Fractured Green
59.1	691.2	Sandstone Medium Grained
61.0	689.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-052-02 W5M**

Well Number **06655**

Well Owner: **Magnuson, Gerry**

Elevation (AMSL) (m): **744**

AEP: **379475**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **49,268.88**

Date Started: **11 May 94**

Northing: **5,926,877.50**

Date Completed: **11 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **55.5** to **55.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **79.2**  
 Perforated How: **Hand Drill**  
 from (m): **54.9** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **79.2**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **47.2**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	740.6			Clay
5.8	738.2			Sand
10.7	733.3			Clay Sandy
22.3	721.7			Sand
42.7	701.3			Clay Silty
43.6	700.4			Gravel
51.5	692.4			Clay
56.7	687.3			Shale Green
57.3	686.6			Coal
57.6	686.3			Shale Brown
59.4	684.5			Shale Gray
61.6	682.4			Sandstone
62.8	681.2			Shale Green
65.2	678.7			Sandstone
68.6	675.4			Shale Gray
71.9	672.0			Sandstone
73.8	670.2			Shale Gray
74.7	669.3			Bentonite
76.2	667.7			Shale Gray
79.2	664.7			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-052-02 W5M**

Well Number **06656**

Well Owner: **Osborne, Ray/Church Of Christ**

Elevation (AMSL) (m): **739**

AEP: **359916**

Licence No.:

Easting: **49,227.32**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Date Started: **08 Aug 91**

Northing: **5,926,772.50**

Date Completed: **12 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **51.5**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **50.3** Bottom (m): **80.8**  
 Perforated How: **Saw**  
 from (m): **51.8** to **79.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **27.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
5.8	733.0	Clay
29.9	708.9	Sand
39.6	699.2	Clay
47.2	691.6	Sand
52.4	686.4	Shale
53.0	685.8	Sandstone
55.2	683.6	Shale
55.8	683.0	Sandstone
70.1	668.7	Shale
70.7	668.1	Sandstone
77.4	661.4	Shale
79.6	659.3	Sandstone
80.8	658.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 20-052-02 W5M**

Well Number **06657**

Well Owner: **Bell, Garland D.**

Elevation (AMSL) (m): **736**

AEP: **357390**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **48,466.40**

Date Started: **28 Jul 90**

Northing: **5,926,740.50**

Date Completed: **28 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **13.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **7.3**  
 from (m): **9.4** to **9.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **12.8**  
**Testing:**  
 Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.1	726.0	Sand Silty
13.7	722.4	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-052-02 W5M**

Well Number **06658**

Well Owner: **Burry, Jim**

Elevation (AMSL) (m): **745**

AEP: **367377**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **50,574.06**

Date Started: **15 Jun 92**

Northing: **5,926,665.50**

Date Completed: **15 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Pushed**  
 from (m): **65.8** to **67.1**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **66.4** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **73.2** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.4	735.7	Clay & Sand Brown
14.3	730.9	Clay Blue
21.9	723.3	Clay Silty
32.0	713.2	Clay Blue
37.2	708.0	Clay & Sand Gray
41.5	703.7	Sand Brown
44.2	701.0	Sandstone & Coal Trace Blue
58.8	686.4	Shale Gray
60.0	685.2	Sandstone Blue
70.1	675.1	Shale Gray
71.3	673.9	Sandstone Hard Blue
73.5	671.7	Shale Gray
78.3	666.9	Sandstone Blue
79.2	666.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-052-02 W5M**

Well Number **06659**

Well Owner: **Clifford, Terry**

Elevation (AMSL) (m): **736**

AEP: **379476**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **49,992.24**

Date Started: **22 Oct 93**

Northing: **5,926,654.50**

Date Completed: **22 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **30.5**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	730.4	Clay Brown
17.4	718.6	Clay Gray
19.5	716.4	Sand & Gravel Water Bearing
26.2	709.7	Clay
26.8	709.1	Sand & Gravel
27.4	708.5	Shale & Coal Brown
31.1	704.8	Shale Blue
32.0	703.9	Shale Brown
32.6	703.3	Coal
33.2	702.7	Shale Green
36.0	700.0	Sandstone
38.1	697.8	Shale Gray
39.0	696.9	Sandstone
39.3	696.6	Shale Gray
39.6	696.3	Coal
40.5	695.4	Shale Green
42.7	693.3	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 21-052-02 W5M**

Well Number **06660**

Well Owner: **White, Steve/Shirley**

Elevation (AMSL) (m): **744**

AEP: **360111**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **50,594.07**

Date Started: **13 Sep 91**

Northing: **5,926,596.00**

Date Completed: **13 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): **39.6** to **39.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.9** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **42.7** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	735.7			Clay Yellow
18.0	725.6			Clay Blue
24.4	719.2			Sand Fine Grained Gray
32.3	711.3			Clay Blue
34.8	708.9			Sand & Gravel Brown
36.3	707.3			Clay Blue
38.1	705.5			Shale Brown
44.5	699.1			Shale Greenish Gray
48.2	695.4			Sandstone Medium Grained
49.4	694.2			Shale Fractured Green
51.5	692.1			Sandstone Medium Grained
54.9	688.7			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 22-052-02 W5M**

Well Number **06661**

Well Owner: **Kolkman, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361697**  
 Easting: **51,534.28**  
 Northing: **5,926,346.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **53.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-24-052-02 W5M

Well Number 06662

Well Owner: **Alta Env #1196e**

Elevation (AMSL) (m): **739**

AEP: **412769**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **55,035.72**

Date Started:

Northing: **5,926,769.76**

Date Completed: **06 Jun 74**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **09 Jun 94**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	738.4	Sand Very Fine Grained
5.8	733.2	Silt Soft Gray
10.7	728.3	Silt Lacustrine Gray
19.8	719.2	Sand & Silt Lacustrine Gray
24.4	714.6	Sand & Silt Soft Dark Gray
29.0	710.0	Clay Lacustrine Dark Gray
33.5	705.4	Clay Silty Dark Gray
37.8	701.2	Silt Soft Dark Gray
42.7	696.3	Sand Fine Grained
47.2	691.7	Sand & Silt Fine Grained
51.8	687.2	Sand Fine Grained
56.4	682.6	Sand & Silt Fine Grained
57.9	681.1	Sand Soft
61.0	678.0	Sand & Gravel Lost Circulation

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-24-052-02 W5M

Well Number 06663

Well Owner: **Alta Env #1476e**

Elevation (AMSL) (m): **740**

AEP: **412768**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **54,912.53**

Date Started:

Northing: **5,926,657.00**

Date Completed: **28 Aug 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
8.8	730.7	Till & Clay Oxidized Light Bro
9.1	730.4	Clay Compacted Light Brown
12.2	727.4	Clay Sandy Light Brown
15.5	724.0	Silt Sandy Light Brown
18.3	721.3	Silt Lacustrine Dark Gray
36.6	703.0	Silt Sandy Dark Gray
54.9	684.7	Silt Fine Grained Dark Gray
73.2	666.4	Silt Dark Gray
75.9	663.7	Silt Carbonaceous Dark Gray
79.2	660.3	Siltstone Dark Gray
80.5	659.1	Siltstone Bentonitic Gray
82.0	657.6	Sandstone Bentonitic Gray
85.3	654.2	Sandstone Oxidized Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 24-052-02 W5M**

Well Number **06664**

Well Owner: **Tomm, Larry**

Elevation (AMSL) (m): **745**

AEP: **356118**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,834.46**

Date Started: **23 Feb 89**

Northing: **5,926,139.00**

Date Completed: **27 Feb 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **120.1** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Other**  
 from (m): to **79.2**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **79.2** Bottom (m): **119.2**  
 Perforated How: **Machine**  
 from (m): **79.2** to **119.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.8	725.4	Clay Yellow
22.9	722.4	Clay Blue
25.9	719.3	Sand & Coal
45.7	699.5	Clay Blue
47.2	698.0	Sand & Coal
79.2	666.0	Clay Blue
80.2	665.1	Shale Gray
86.0	659.3	Sandstone
93.3	652.0	Shale Green
96.9	648.3	Shale Sandy Gray
100.6	644.6	Shale Green
101.8	643.4	Shale Sandy Gray
107.9	637.3	Shale Green
109.7	635.5	Sandstone
120.1	625.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06665**

Well Owner: **Bibaud, Jim**

Elevation (AMSL) (m): **746**

AEP: **379489**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,802.44**

Date Started: **25 Apr 94**

Northing: **5,928,246.50**

Date Completed: **26 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.9** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **82.9**  
 Perforated How: **Saw**  
 from (m): **67.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **46.9** Drawdown (m): **28.0**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	742.2			Sand Silty
26.5	719.0			Clay Sandy Yellow
29.9	715.6			Clay Sandy Blue
33.2	712.3			Sand
46.3	699.2			Clay Blue
50.0	695.5			Sand
51.5	694.0			Shale Gray
52.7	692.8			Sandstone
62.2	683.3			Shale Green
69.5	676.0			Shale Gray
71.3	674.2			Sandstone
73.5	672.1			Shale Green
77.1	668.4			Sandstone
78.0	667.5			Shale Gray
82.0	663.5			Sandstone
82.9	662.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 25-052-02 W5M**

Well Number **06666**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **736**

AEP: **365173**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,140.48**

Date Started: **29 May 92**

Northing: **5,928,589.00**

Date Completed: **29 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **9.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi 13 St** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **82.1** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **10.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	726.9	Silt Brown
27.4	708.6	Clay Blue
50.3	685.7	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06667**

Well Owner: **Bushie, M.**

Elevation (AMSL) (m): **738**

AEP: **352030**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,065.68**

Date Started: **22 May 90**

Northing: **5,928,587.50**

Date Completed: **28 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **46.6**  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **76.2**  
 Perforated How: **Machine**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **61.3**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **24.4**  
 Rec'd intake (m): **61.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.1	735.3		Sand
42.7	695.7		Clay
45.7	692.6		Sandstone
55.5	682.9		Shale Gray
56.1	682.3		Sandstone
59.4	678.9		Shale Green
60.4	678.0		Sandstone
64.0	674.4		Shale Gray
65.2	673.1		Sandstone
71.6	666.7		Shale
72.2	666.1		Sandstone
74.7	663.7		Shale
75.3	663.1		Sandstone
76.2	662.2		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 25-052-02 W5M**

Well Number **06668**

Well Owner: **Clapp, Corinne**

Elevation (AMSL) (m): **742**

AEP: **379478**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,739.14**

Date Started: **12 Apr 94**

Northing: **5,928,399.00**

Date Completed: **13 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **51.8** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **55.8** Drawdown (m): **40.8**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	727.2	Clay Sandy Yellow
29.9	711.7	Clay Sandy Blue
42.1	699.5	Sand
45.4	696.2	Shale Green
46.3	695.2	Sandstone
54.3	687.3	Shale Green
56.1	685.5	Sandstone
60.4	681.2	Shale Gray
69.8	671.8	Sandstone
73.2	668.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-052-02 W5M**

Well Number **06669**

Well Owner: **Clemets, Jeff**

Elevation (AMSL) (m): **741**

AEP: **358679**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,918.95**

Date Started: **11 Jun 91**

Northing: **5,928,402.00**

Date Completed: **18 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **75.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **100.6**  
 Perforated How: **Saw**  
 from (m): **77.7** to **99.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Tg05422**  
 Model: **Gould** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **55.5**  
 Rec'd intake (m): **54.3** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	736.9	Clay Sandy Brown
5.5	736.0	Sand Brown
7.3	734.2	Clay Brown
22.3	719.2	Clay Gray
45.7	695.8	Clay See Comments Gray
48.8	692.7	Till Clayey Gray
51.8	689.7	Shale Green
52.7	688.7	Sandstone Fine Grained Gray
59.4	682.0	Shale Gray
59.7	681.7	Siltstone
60.7	680.8	Sandstone Light Gray
64.6	676.9	Siltstone Gray
68.6	672.9	Shale Green
70.4	671.1	Sandstone Gray
78.0	663.5	Shale
79.2	662.2	Sandstone Gray
82.3	659.2	Shale Gray
86.0	655.5	Shale Gray
88.7	652.8	Sandstone Gray
91.1	650.3	Shale Green
91.7	649.7	Sandstone Gray
94.5	647.0	Shale & Sandstone
99.1	642.4	Shale & Sandstone
100.6	640.9	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06670**

Well Owner: **Fox Maple Homes**

Elevation (AMSL) (m): **744**

AEP: **352284**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,849.91**

Date Started: **27 Aug 90**

Northing: **5,928,304.00**

Date Completed: **28 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **65.5** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **42.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	741.5	Clay Sandy Yellow
17.7	725.9	Sand
29.9	713.8	Clay Sandy Yellow
50.9	692.7	Sand
57.3	686.3	Sandstone
61.3	682.4	Shale Green
66.4	677.2	Shale Gray
67.7	676.0	Sandstone
75.3	668.3	Shale Gray
76.2	667.4	Sandstone
80.2	663.5	Shale Gray
82.0	661.6	Sandstone
85.3	658.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06671**

Well Owner: **Matlejewski, Ronald**

Elevation (AMSL) (m): **741**

AEP: **351705**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,918.95**

Date Started: **18 Jul 90**

Northing: **5,928,402.00**

Date Completed: **20 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **84.7** Bottom (m): **84.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **84.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **84.7** Bottom (m): **95.1**  
 Perforated How: **Machine**  
 from (m): **84.7** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	718.6	Clay Yellow
46.6	694.8	Clay Blue
48.8	692.7	Coal Sandy
51.8	689.7	Clay Blue
57.9	683.6	Coal Sandy
61.0	680.5	Stones Clayey Blue
68.6	672.9	Clay Yellow
70.1	671.4	Shale Green
71.6	669.9	Clay Yellow
76.2	665.3	Shale Sandy Gray
77.7	663.8	Shale Green
79.2	662.2	Shale Sandy Gray
80.8	660.7	Shale Green
84.7	656.7	Clay Yellow
85.6	655.8	Shale Green
91.7	649.7	Sandstone
96.0	645.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06672**

Well Owner: **Meyer, Vern**

Elevation (AMSL) (m): **741**

AEP: **366981**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,918.95**

Date Started: **03 Sep 92**

Northing: **5,928,402.00**

Date Completed: **04 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **53.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **50.3** Bottom (m): **72.2**  
 Perforated How: **Saw**  
 from (m): **50.3** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	727.2			Clay Yellow
20.7	720.7			Sand
49.7	691.8			Clay Blue
50.3	691.2			Shale Soft Green
51.2	690.3			Clay Blue
52.1	689.4			Clay Yellow
54.6	686.9			Shale Green
57.9	683.6			Shale Sandy Gray
61.9	679.6			Shale Brittle Greenish Gray
64.0	677.5			Shale Sandy Gray
64.9	676.6			Shale Green
66.8	674.7			Shale Sandy Gray
68.6	672.9			Shale Green
71.0	670.5			Shale Sandy Gray
73.2	668.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06673**

Well Owner: **Miller, Jerry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356871**  
 Easting: **55,918.95**  
 Northing: **5,928,402.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **115.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-052-02 W5M**

Well Number **06674**

Well Owner: **Pedersen, Tracey/Keith**

Elevation (AMSL) (m): **743**

AEP: **386254**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,172.12**

Date Started: **17 Jun 94**

Northing: **5,928,344.50**

Date Completed: **20 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **12.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **77.1** Bottom (m): **77.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **77.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **75.6** Bottom (m): **93.6**  
 Perforated How: **Saw**  
 from (m): **79.2** to **93.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **21.0** Drawdown (m): **8.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.3	731.3	Clay Sandy Yellow
19.5	723.1	Clay Sandy Blue
33.8	708.8	Sand
43.0	699.6	Clay Blue
48.8	693.8	Sand
54.3	688.3	Clay Blue
56.7	685.9	Sandstone Yellow
63.4	679.2	Shale Green
73.8	668.8	Sandstone Yellow
80.2	662.4	Shale Green
83.5	659.1	Shale Gray
92.4	650.2	Sandstone
93.6	649.0	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-02 W5M**

Well Number **06675**

Well Owner: **Penner, Jake**

Elevation (AMSL) (m): **740**

AEP: **377757**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,975.05**

Date Started: **06 Nov 93**

Northing: **5,928,376.00**

Date Completed: **06 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **39.6** to **41.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **45.1** to **46.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **44.2**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **32.0**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	733.7			Sand Silty Brown
8.5	731.3			Sand Brown
33.5	706.3			Clay Blue
41.2	698.6			Silt Blue
47.2	692.5			Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 25-052-02 W5M**

Well Number **06676**

Well Owner: **Roszell, Barry**

Elevation (AMSL) (m): **741**

AEP: **350345**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **55,918.95**

Date Started: **22 Feb 90**

Northing: **5,928,402.00**

Date Completed: **23 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.1** Bottom (m): **52.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Sand & Gravel**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.1** to **53.3** Size: **0.10**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Jacuzzi**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **51.8** Drawdown (m): **32.0**  
 Rec'd intake (m): **50.6** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
36.6	704.9	Clay
54.9	686.6	Sand
59.4	682.0	Clay
62.5	679.0	Sand
67.1	674.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-02 W5M**

Well Number **06677**

Well Owner: **Altmiks, Joe**

Elevation (AMSL) (m): **753**

AEP: **353527**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **54,997.36**

Date Started: **23 Nov 90**

Northing: **5,928,766.00**

Date Completed: **27 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **68.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **121.9**  
 Perforated How: **Other**  
 from (m): **12.2** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **300.0**  
 Level End (m): **97.5** Drawdown (m): **79.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	740.5	Clay Sandy Yellow
26.2	727.1	Clay Silty Blue
61.9	691.4	Sand
65.8	687.5	Sandstone
75.0	678.3	Shale Green
77.1	676.2	Sandstone
84.7	668.6	Shale Gray
90.2	663.1	Shale Green
92.1	661.2	Sandstone
99.7	653.6	Shale Gray
100.9	652.4	Sandstone
109.1	644.2	Shale Gray
113.1	640.2	Sandstone
117.0	636.2	Shale Gray
117.7	635.6	Shale & Coal Brown
121.9	631.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 25-052-02 W5M**

Well Number **06678**

Well Owner: **Beach Electrical Service Ltd**

Elevation (AMSL) (m): **752**

AEP: **353713**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,224.63**

Date Started: **23 Jul 90**

Northing: **5,928,190.50**

Date Completed: **24 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **90.5**  
 Perforated How: **Machine**  
 from (m): **67.1** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.7	730.9	Clay Yellow
22.9	728.8	Clay Soft Blue
33.5	718.1	Sand & Coal See Comments
51.8	699.8	Clay Blue
61.0	690.7	Sand & Coal
64.0	687.6	Clay & Rocks Blue
66.4	685.2	Shale Sandy Gray
68.6	683.0	Shale Green
70.4	681.2	Shale Sandy Gray
71.9	679.7	Shale Green
73.5	678.2	Shale Sandy Gray
75.0	676.6	Shale Green
76.2	675.4	Shale Sandy Gray
87.2	664.4	Shale Green
90.5	661.1	Shale Sandy Gray
91.4	660.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-02 W5M**

Well Number **06679**

Well Owner: **Fox Maple Homes**

Elevation (AMSL) (m): **746**

AEP: **358249**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,428.89**

Date Started: **26 Jun 91**

Northing: **5,928,652.50**

Date Completed: **30 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **122.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **92.4** Bottom (m): **92.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **89.9** to **92.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **89.0** Bottom (m): **122.5**  
 Perforated How: **Machine**  
 from (m): **114.3** to **120.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: 5g07422**  
 Model: **Gould** Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **82.3** Drawdown (m): **61.0**  
 Rec'd intake (m): **109.1** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
11.9	734.2	Clay Sandy Brown
43.6	702.5	Clay See Comments Gray
45.1	701.0	Clay Gray
46.3	699.7	Sandstone Brown
47.2	698.8	Sandstone Light Gray
48.8	697.3	Shale Green
55.5	690.6	Sandstone Gray
57.9	688.2	Shale Gray
63.1	683.0	Sandstone
79.8	666.2	Shale
91.7	654.3	Sandstone Gray
93.9	652.2	Shale Gray
94.2	651.9	Sandstone
95.7	650.4	Shale Gray
97.8	648.2	Sandstone Gray
108.2	637.9	Shale
109.7	636.3	Coal
110.3	635.7	Shale Brown
112.2	633.9	Coal
115.8	630.2	Shale
120.4	625.7	Sandstone Gray
122.5	623.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-02 W5M**

Well Number **06680**

Well Owner: **Fox Maple Homes/Neate, Barry**

Elevation (AMSL) (m): **750**

AEP: **358447**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,236.14**

Date Started: **10 Jun 91**

Northing: **5,928,655.50**

Date Completed: **12 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.9** Bottom (m): **61.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **61.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **48.8** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	735.2	Clay Sandy Yellow
28.7	721.1	Clay Sandy Blue
32.3	717.5	Sand & Coal
56.7	693.1	Clay Sandy Blue
59.1	690.7	Sandstone
63.1	686.7	Shale Green
65.5	684.3	Sandstone
69.2	680.6	Shale Gray
71.3	678.5	Sandstone
74.4	675.4	Shale Green
76.8	673.0	Sandstone
79.6	670.2	Shale Green
81.7	668.1	Sandstone
85.3	664.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-02 W5M**

Well Number **06681**

Well Owner: **Gabrielson, Grant**

Elevation (AMSL) (m): **744**

AEP: **386253**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,430.33**

Date Started: **22 Jun 94**

Northing: **5,928,616.50**

Date Completed: **23 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **57.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **61.0** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **85.3**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **71.3** Drawdown (m): **50.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.9	736.3	Clay Sandy Yellow
16.1	728.1	Sand
29.6	714.7	Clay Blue
35.4	708.9	Sand
47.6	696.7	Clay Blue
51.2	693.0	Sand
53.3	690.9	Sandstone Yellow
63.1	681.1	Shale Green
64.3	679.9	Sandstone
68.3	676.0	Shale Gray
69.8	674.4	Sandstone
72.2	672.0	Shale Green
73.8	670.5	Sandstone
77.1	667.1	Shale Gray
78.9	665.3	Sandstone
81.7	662.6	Shale Green
84.1	660.1	Sandstone
87.8	656.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-052-02 W5M**

Well Number **06682**

Well Owner: **Goodon, Alec**

Elevation (AMSL) (m): **746**

AEP: **366254**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **54,922.55**

Date Started: **28 Jul 92**

Northing: **5,928,268.50**

Date Completed: **29 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **88.4**  
 Perforated How: **Saw**  
 from (m): **61.0** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **22.6**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.3	731.6			Clay Sandy Yellow
32.6	713.3			Clay Sandy Blue
44.5	701.4			Sand
54.3	691.7			Clay Sandy Blue
56.1	689.8			Sandstone
59.7	686.2			Shale Greenish Gray
62.2	683.7			Sandstone
67.7	678.3			Shale Green
69.8	676.1			Sandstone
77.1	668.8			Shale Green
85.3	660.6			Sandstone
88.4	657.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-052-02 W5M**

Well Number **06683**

Well Owner: **Witiuk, M**

Elevation (AMSL) (m): **752**

AEP: **364974**

Licence No.:

Easting: **54,995.92**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **16 Apr 92**

Northing: **5,928,592.00**

Date Completed: **23 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.8** Bottom (m): **73.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **71.3** to **73.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **94.5**  
 Perforated How: **Saw**  
 from (m): **73.2** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g07422** Intake (m): **106.7**

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **106.7** Drawdown (m): **85.6**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

12.2	739.9	Clay Silty Brown
20.7	731.4	Clay & Coal Silty Gray
45.7	706.4	Clay Gray
54.9	697.2	Sand & Coal Fine Grained Gray
61.9	690.2	Sand Fine Grained Gray
65.8	686.3	Sandstone Yellow
67.4	684.7	Sandstone Gray
68.0	684.1	Sandstone Green
68.9	683.2	Shale Green
71.3	680.8	Sandstone Light Gray
73.8	678.3	Shale Green
76.5	675.6	Sandstone Gray
85.0	667.1	Shale Green
85.3	666.8	Sandstone Brownish Gray
86.9	665.2	Siltstone Gray
89.9	662.2	Sandstone Medium Grained Gray
90.8	661.3	Shale Brownish Green
93.3	658.8	Sandstone Gray
100.3	651.8	Shale Green
100.6	651.5	Sandstone Gray
105.2	647.0	Shale Green
106.1	646.0	Sandstone Gray
106.7	645.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 25-052-02 W5M**

Well Number **06684**

Well Owner: **Andrews, R.**

Elevation (AMSL) (m): **739**

AEP: **379487**

Licence No.:

Easting: **56,036.30**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **24 May 94**

Northing: **5,927,271.50**

Date Completed: **26 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **64.3** to **65.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **68.6** to **72.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **61.0**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **56.7**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **182.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	734.5			Clay Brown
6.7	732.1			Sand Brown
8.2	730.6			Clay Brown
13.1	725.7			Clay & Sand Gray
40.2	698.6			Sand Gray
57.0	681.8			Clay Gray
59.1	679.7			Gravel
63.7	675.1			Clay Yellow
64.6	674.2			Shale Green
65.8	673.0			Sandstone
67.4	671.4			Shale Green
68.3	670.5			Sandstone
69.8	669.0			Shale Fractured Green
71.0	667.8			Sandstone
73.2	665.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 25-052-02 W5M**

Well Number **06685**

Well Owner: **Andrews, R.**

Elevation (AMSL) (m): **745**

AEP: **406270**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,752.86**

Date Started: **10 May 95**

Northing: **5,927,553.50**

Date Completed: **12 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **66.4** Bottom (m): **66.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **63.4** to **66.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **48.8**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **44.5**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	739.5	Clay Brown
7.3	737.6	Sand
11.0	734.0	Clay Brown
31.7	713.2	Clay Gray
35.7	709.3	Sand
53.0	691.9	Clay Gray
60.7	684.3	Sand
63.1	681.9	Clay Yellow
64.9	680.0	Sandstone
67.4	677.6	Shale Green
68.9	676.1	Sandstone
70.4	674.5	Shale Green
71.6	673.3	Sandstone
75.3	669.7	Shale Green
76.5	668.4	Sandstone
79.2	665.7	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 25-052-02 W5M**

Well Number **06686**

Well Owner: **Longmuir, Glen**

Elevation (AMSL) (m): **736**

AEP: **357391**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,057.78**

Date Started: **16 May 91**

Northing: **5,927,626.50**

Date Completed: **16 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **63.7** Bottom (m): **63.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.2** to **34.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **20.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	730.9	Clay Sandy Yellow
22.6	713.5	Sand Silty
57.3	678.8	Clay Sandy Blue
65.2	670.8	Sand
75.0	661.1	Clay Blue
79.2	656.8	Sand Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-052-02 W5M**

Well Number **06687**

Well Owner: **Ziehe, Frank**

Elevation (AMSL) (m): **741**

AEP: **380510**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **55,820.14**

Date Started: **21 Apr 93**

Northing: **5,927,766.50**

Date Completed: **22 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **62.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **93.0** Bottom (m): **93.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **93.0**  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **91.4** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **93.3** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkley** Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **85.3** Drawdown (m): **22.9**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	727.3	Clay Sandy Brown
38.1	702.9	Clay Blue
48.8	692.3	Sand Gray
50.6	690.4	Clay Blue
59.4	681.6	Sand Gray
70.1	670.9	Clay Blue
92.4	648.7	Sand & Gravel
95.7	645.3	Shale
98.1	642.9	Sandstone
100.0	641.1	Shale
103.0	638.0	Sandstone
103.6	637.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-052-02 W5M**

Well Number **06688**

Well Owner: **Bucknell, D.**

Elevation (AMSL) (m): **745**

AEP: **351988**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **54,968.56**

Date Started: **01 Aug 90**

Northing: **5,927,982.50**

Date Completed: **06 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): **54.9** to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **79.2**  
 Perforated How: **Other**  
 from (m): **73.2** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **48.2**

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **33.5**  
 Rec'd intake (m): **48.2** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
15.2	729.6		Sand
24.4	720.5		Clay
51.8	693.0		Sand
54.9	690.0		Sand & Gravel
59.4	685.4		Shale Gray
64.0	680.8		Shale Green
66.4	678.4		Shale Gray
66.8	678.1		Coal
67.1	677.8		Sandstone
67.7	677.2		Shale Green
69.5	675.3		Sandstone
69.8	675.0		Shale Gray
70.7	674.1		Sandstone
71.9	672.9		Shale Gray
72.5	672.3		Sandstone
73.8	671.1		Shale Green
75.6	669.2		Sandstone
76.2	668.6		Shale Gray
78.6	666.2		Sandstone
79.2	665.6		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-052-02 W5M**

Well Number **06689**

Well Owner: **Lucy, Bill**

Elevation (AMSL) (m): **749**

AEP: **371132**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **54,958.54**

Date Started: **12 Jul 93**

Northing: **5,927,896.50**

Date Completed: **13 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.6** Bottom (m): **57.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **57.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **59.4** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g0742z** Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.9**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **41.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	734.5	Clay Sandy Brown
50.9	697.9	Clay Gray
51.8	697.0	Sandstone
53.6	695.2	Shale Green
55.5	693.4	Sandstone
58.2	690.6	Shale Green
65.2	683.6	Sandstone
67.1	681.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-052-02 W5M**

Well Number **06690**

Well Owner: **Martin, San**

Elevation (AMSL) (m): **741**

AEP: **394200**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **55,148.93**

Date Started: **28 Jul 80**

Northing: **5,927,690.50**

Date Completed: **29 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **116.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **51.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.5**

**Testing:**  
 Rate (lpm): **8.0** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **51.5** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	735.6	Clay Yellow
17.7	723.4	Clay Gray
18.9	722.2	Sand
25.6	715.5	Clay Gray
30.2	710.9	Shale
31.1	710.0	Coal
39.3	701.8	Shale
43.6	697.5	Sandstone
47.2	693.8	Shale
48.8	692.3	Sandstone
51.5	689.6	Shale
53.0	688.1	Sandstone
56.4	684.7	Shale
57.0	684.1	Coal
57.9	683.2	Shale
58.5	682.6	Coal
61.0	680.1	Shale
62.5	678.6	Sandstone
66.4	674.6	Shale
71.0	670.1	Sandstone
71.6	669.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-052-02 W5M**

Well Number **06691**

Well Owner: **Nicoli, Clarence**

Elevation (AMSL) (m): **746**

AEP: **418217**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,366.53**

Date Started: **26 Sep 95**

Northing: **5,927,908.00**

Date Completed: **27 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **99.4** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **71.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **99.4**  
 Perforated How: **Saw**  
 from (m): **81.1** to **98.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **99.4**

**Testing:**

Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **58.8** Drawdown (m): **43.0**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	738.1			Clay Sandy Yellow
12.5	733.5			Clay Sandy Blue
14.9	731.1			Sand
39.0	707.0			Clay Sandy Blue
56.1	689.9			Sand
58.2	687.8			Clay Blue
62.8	683.2			Shale Green
64.3	681.7			Sandstone
67.1	679.0			Shale Green
68.9	677.1			Sandstone
80.2	665.8			Shale Green
82.6	663.4			Sandstone
90.8	655.2			Shale Greenish Gray
97.8	648.2			Sandstone
99.4	646.6			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 25-052-02 W5M**

Well Number **06692**

Well Owner: **Stupniski, Jim**  
 Drilling Contractor: *D&D Water Well Drilling & Services*

Elevation (AMSL) (m): **740**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **415516**  
 Easting: **55,232.58**  
 Northing: **5,927,377.12**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 20 Jun 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 25-052-02 W5M**

Well Number **06693**

Well Owner: **Stupniski, Jim**

Elevation (AMSL) (m): **745**

AEP: **380748**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,259.16**

Date Started: **16 Jun 95**

Northing: **5,927,707.50**

Date Completed: **17 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **99.4** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **81.7** Bottom (m): **81.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **81.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.2** Bottom (m): **99.4**  
 Perforated How: **Saw**  
 from (m): **87.2** to **99.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **99.4**

**Testing:**  
 Rate (lpm): **123.1** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **46.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	737.7	Clay Sandy Yellow
39.9	704.8	Clay Blue
41.5	703.3	Sand & Gravel
46.6	698.1	Clay Blue
50.6	694.1	Sand & Gravel
53.0	691.7	Shale Green
55.8	688.9	Sandstone
63.7	681.0	Shale Green
74.1	670.7	Sandstone
77.1	667.6	Shale Green
79.6	665.2	Sandstone
83.5	661.2	Shale Green
84.7	660.0	Sandstone
92.4	652.4	Shale Green
96.6	648.1	Sandstone
99.4	645.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-052-02 W5M**

Well Number **06694**

Well Owner: **Thompson, Geof**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **736**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356870**  
 Easting: **55,087.38**  
 Northing: **5,927,225.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 25-052-02 W5M**

Well Number **06695**

Well Owner: **Zayshley, Marilyn/Darrel**

Elevation (AMSL) (m): **744**

AEP: **373910**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **55,492.50**

Date Started: **26 Aug 93**

Northing: **5,927,796.50**

Date Completed: **27 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **82.9** Bottom (m): **82.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **82.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **81.4** Bottom (m): **105.2**  
 Perforated How: **Saw**  
 from (m): **88.4** to **103.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **102.1**

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **14.6**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.8	731.2	Clay Sandy Yellow
50.0	694.0	Clay Sandy Blue
53.6	690.4	Sand
57.6	686.4	Clay Blue
65.5	678.5	Sand
72.5	671.5	Clay Blue
73.8	670.3	Sandstone
77.4	666.6	Shale Gray
79.6	664.5	Sandstone Yellow
84.7	659.3	Shale Green
96.9	647.1	Shale Gray
103.0	641.0	Sandstone
105.2	638.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-052-02 W5M**

Well Number **06696**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **752**

AEP: **377764**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **54,656.79**

Date Started: **13 Oct 92**

Northing: **5,928,451.50**

Date Completed: **14 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **15.2** to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **52.4** to **54.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **45.7**

**Testing:**

Rate (lpm): **82.1** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **26.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	742.7	Clay	Brown	
19.8	732.0	Silt		
28.4	723.5	Clay		
33.5	718.3	Silt	Blue	
54.0	697.9	Sand		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 26-052-02 W5M**

Well Number **06697**

Well Owner: **Dunn, Eric**

Elevation (AMSL) (m): **752**

AEP: **369738**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **54,634.22**

Date Started: **07 Jun 93**

Northing: **5,928,486.00**

Date Completed: **08 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **57.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **46.3** to **47.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **47.9**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **44.2** Drawdown (m): **35.0**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.5	736.3	Till Brownish Yellow
18.9	732.9	Sand & Coal Fine Grained
25.3	726.5	Till Blue
28.7	723.2	Sand Fine Grained
35.7	716.2	Clay Blue
42.1	709.8	Sand Fine Grained Gray
43.0	708.8	Clay Blue
48.2	703.7	Sand & Coal Gray
49.4	702.4	Clay Blue
53.6	698.2	Sand & Coal Gray
57.0	694.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 26-052-02 W5M**

Well Number **06698**

Well Owner: **Verkuyl, Harry**

Elevation (AMSL) (m): **752**

AEP: **377766**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **54,656.79**

Date Started: **15 Nov 92**

Northing: **5,928,451.50**

Date Completed: **15 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **15.2** to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.4**  
 from (m): **61.0** to **62.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **273.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **45.7**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	742.7	Clay
19.8	732.0	Clay Blue
27.4	724.4	Silt
62.5	689.4	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 26-052-02 W5M**

Well Number **06699**

Well Owner: **Close, John**

Elevation (AMSL) (m): **745**

AEP: **380754**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,928.05**

Date Started: **18 Jul 95**

Northing: **5,928,439.00**

Date Completed: **20 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **71.0** Bottom (m): **71.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **71.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.5** Bottom (m): **87.2**  
 Perforated How: **Saw**  
 from (m): **71.0** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 7g05142** Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **7.0**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **63.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	744.4	Topsoil
7.6	737.1	Clay Silty Yellow
16.8	727.9	Clay Blue
17.4	727.3	Clay Yellow
19.8	724.9	Clay Blue
20.7	723.9	Clay Sandy Blue
21.3	723.3	Sand
23.2	721.5	Clay Sandy Blue
38.4	706.3	Clay Blue
41.2	703.5	Clay & Coal Sandy Blue
43.0	701.7	Sand Coarse Grained
50.3	694.4	Clay Soft Blue
63.7	681.0	Clay Sandy Blue
64.3	680.4	Clay Yellow
65.2	679.5	Shale Green
65.8	678.8	Sandstone
68.6	676.1	Shale Sandy Gray
70.4	674.3	Shale Green
71.0	673.7	Shale Gray
75.6	669.1	Shale Green
78.6	666.0	Shale Sandy Gray
83.8	660.9	Shale Green
85.0	659.6	Sandstone
86.0	658.7	Shale Sandy Gray
86.9	657.8	Shale Green
88.1	656.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 26-052-02 W5M**

Well Number **06700**

Well Owner: **Hopkins, Bruce**

Elevation (AMSL) (m): **752**

AEP: **361090**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,520.62**

Date Started: **06 Nov 91**

Northing: **5,928,769.50**

Date Completed: **08 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **68.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **76.2** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **20.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	740.4	Clay Sandy Yellow
31.7	720.3	Clay Sandy Blue
34.8	717.2	Sand
44.5	707.5	Clay Blue
46.6	705.3	Sand
49.4	702.6	Clay Blue
53.3	698.6	Shale Gray
57.3	694.7	Shale Green
61.3	690.7	Sandstone Yellow
62.8	689.2	Shale Green
66.4	685.5	Sandstone Yellow
71.9	680.0	Shale Green
77.4	674.5	Shale Gray
83.2	668.7	Sandstone
85.3	666.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-052-02 W5M**

Well Number **06701**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **749**

AEP: **359917**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **53,338.88**

Date Started: **12 Aug 91**

Northing: **5,928,429.50**

Date Completed: **13 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.0**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **74.7**  
 Perforated How: **Saw**  
 from (m): **67.1** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **35.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	746.7	Clay
29.3	720.2	Sand
36.6	712.9	Clay
54.6	694.9	Sand
56.1	693.4	Gravel
66.4	683.0	Shale
67.4	682.1	Sandstone
68.9	680.6	Shale
72.5	676.9	Sandstone
74.7	674.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-052-02 W5M**

Well Number **06702**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **746**

AEP: **380511**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **53,576.45**

Date Started: **23 Apr 93**

Northing: **5,928,364.50**

Date Completed: **23 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **62.8** Bottom (m): **62.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **62.8**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **62.5** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **63.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **14.6**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	737.6	Clay Sandy Brown
57.9	688.2	Clay Sandy Blue
65.5	680.6	Shale
68.6	677.6	Sandstone
76.8	669.3	Shale
79.2	666.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-052-02 W5M**

Well Number **06703**

Well Owner: **Short, David**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366996**  
 Easting: **53,576.45**  
 Northing: **5,928,364.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-29-052-02 W5M

Well Number 06704

Well Owner: **Alta Env #1199e**

Elevation (AMSL) (m): **739**

AEP: **401724**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,525.42**

Date Started:

Northing: **5,927,118.50**

Date Completed: **12 Jun 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	734.3	Clay Soft Brownish Yellow
11.3	727.9	Silt Soft Brownish Yellow
30.5	708.7	Silt Lacustrine Dark Gray
46.0	693.1	Silt Sandy Dark Gray
50.3	688.9	Siltstone Hard Gray
51.2	688.0	Sandstone Very Fine Grained Gr
51.8	687.3	Siltstone Hard Brown
54.9	684.3	Siltstone & Sandstone Hard Gra
58.8	680.3	Siltstone Hard Gray
59.4	679.7	Sandstone Very Fine Grained Gr
61.0	678.2	Siltstone Hard Gray
73.5	665.7	Shale & Siltstone Hard Gray
76.8	662.3	Sandstone Very Fine Grained Gr
82.3	656.9	Siltstone Hard Light Gray
87.2	652.0	Sandstone Very Fine Grained Gr
88.4	650.8	Shale & Sandstone Hard Gray
93.0	646.2	Siltstone & Sandstone Fine Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-052-02 W5M**

Well Number **06705**

Well Owner: **Doel, Cliff**

Elevation (AMSL) (m): **753**

AEP: **396787**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,397.23**

Date Started: **15 Oct 93**

Northing: **5,928,009.50**

Date Completed: **18 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **56.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **54.0** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **54.0** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **33.2** Drawdown (m): **9.8**  
 Rec'd intake (m): **33.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	735.9	Clay Yellow
30.5	722.1	Clay Blue
34.8	717.9	Clay & Sand
36.9	715.7	Clay & Sand Blue
41.5	711.2	Sand
44.5	708.1	Gravel
47.2	705.4	Sand
49.4	703.2	Shale & Rocks Green
50.6	702.0	Shale Hard Gray
54.9	697.8	Clay Blue
56.4	696.2	Shale Gray
57.9	694.7	Shale Green
63.1	689.5	Shale Sandy Gray
70.7	681.9	Shale Green
73.2	679.5	Shale Sandy Gray
77.7	674.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-052-02 W5M**

Well Number **06706**

Well Owner: **Loyns, Clayton**

Elevation (AMSL) (m): **751**

AEP: **412701**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,395.86**

Date Started: **14 Nov 95**

Northing: **5,928,019.00**

Date Completed: **16 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **118.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **87.2** Bottom (m): **87.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **87.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **84.4** Bottom (m): **118.0**  
 Perforated How: **Saw**  
 from (m): **87.2** to **118.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **McDonald** Intake (m): **38.7**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **25.0** Drawdown (m): **3.7**  
 Rec'd intake (m): **38.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.8	734.7			Clay Silty Yellow
29.3	722.2			Sand & Coal
36.6	714.9			Clay Blue
45.7	705.7			Sand
51.8	699.7			Clay Blue
60.4	691.1			Sand & Coal
74.7	676.8			Clay Blue
86.9	664.6			Sand
90.8	660.6			Shale Gray
92.7	658.8			Shale Sandy Gray
94.5	657.0			Shale Gray
95.7	655.8			Shale & Coal Brown
97.5	653.9			Shale Greenish Gray
100.0	651.5			Shale & Coal Brown
109.7	641.7			Shale Gray
118.9	632.6			Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 30-052-02 W5M**

Well Number **06707**

Well Owner: **Fluder, Peter**

Elevation (AMSL) (m): **728**

AEP: **396793**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,055.33**

Date Started: **19 Oct 93**

Northing: **5,928,303.50**

Date Completed: **19 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.1**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **44.8**  
 Perforated How: **Saw**  
 from (m): **31.7** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **6.1**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	720.8			Clay Sandy Yellow
10.4	717.5			Clay Blue
11.3	716.5			Clay Hard Yellow
12.8	715.0			Shale Green
16.1	711.7			Shale Sandy Gray
30.5	697.3			Clay Blue
32.0	695.8			Shale Sandy Gray
35.4	692.5			Shale Gray
36.6	691.2			Sandstone
42.7	685.1			Sandstone
44.2	683.6			Shale Green
45.7	682.1			Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 30-052-02 W5M**

Well Number **06708**

Well Owner: **Geier, Henry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **727**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356872**  
 Easting: **47,090.92**  
 Northing: **5,928,096.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **26.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 30-052-02 W5M**

Well Number **06709**

Well Owner: **Kuntz, Darrell**

Elevation (AMSL) (m): **727**

AEP: **396790**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,090.92**

Date Started: **29 Sep 93**

Northing: **5,928,096.50**

Date Completed: **30 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.0**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **35.7**  
 Perforated How: **Saw**  
 from (m): **22.6** to **35.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **95.8** Time (minute): **420.0**  
 Level End (m): **3.1** Drawdown (m): **0.6**  
 Rec'd intake (m): **3.1** Rec'd Rate (lpm): **95.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	720.8	Clay Yellow
24.7	702.2	Clay Blue
26.2	700.7	Shale Green
35.0	691.9	Shale Sandy Gray
36.6	690.4	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 30-052-02 W5M**

Well Number **06710**

Well Owner: **Paul, Kenneth**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **720**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367899**  
 Easting: **46,653.11**  
 Northing: **5,928,169.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 30-052-02 W5M**

Well Number **06711**

Well Owner: **Scott, Donna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **739**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368631**  
 Easting: **46,697.53**  
 Northing: **5,927,708.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **15.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**02-31-052-02 W5M**

Well Number **06712**

Well Owner: **Rec. Parks & Wildlife**

Elevation (AMSL) (m): **740**

AEP: **389867**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **47,682.86**

Date Started: **03 Nov 76**

Northing: **5,928,870.00**

Date Completed: **11 Nov 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **111.6** (m)  
 NPWL (m): **1.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **1620.0**  
 Level End (m): **29.0** Drawdown (m): **27.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	722.0			Gravel
47.2	693.0			Till & Rocks
51.8	688.4			Shale Bentonitic
52.4	687.8			Sandstone Hard
54.9	685.4			Shale Silty
81.4	658.9			Shale & Sandstone
81.7	658.6			Coal
95.1	645.2			Shale Brownish Gray
95.4	644.8			Coal
111.6	628.7			Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 31-052-02 W5M**

Well Number **06713**

Well Owner: **Erickson, Richard**

Elevation (AMSL) (m): **735**

AEP: **396794**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **47,883.77**

Date Started: **04 Oct 94**

Northing: **5,929,088.50**

Date Completed: **05 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.2** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **36.3**  
 Perforated How: **Saw**  
 from (m): **45.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **58.2**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **33.8** Drawdown (m): **30.8**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	729.3			Clay Yellow
29.6	705.3			Clay Blue
34.1	700.7			Sandstone
38.4	696.4			Shale Green
43.6	691.2			Shale Gray
45.4	689.4			Sandstone
47.6	687.3			Shale Green
51.2	683.6			Shale Gray
56.7	678.1			Sandstone
58.2	676.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 31-052-02 W5M**

Well Number **06714**

Well Owner: **Maiko, Alex**

Elevation (AMSL) (m): **735**

AEP: **360257**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **47,883.77**

Date Started: **22 Aug 91**

Northing: **5,929,088.50**

Date Completed: **23 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **59.4**  
 Perforated How: **Machine**  
 from (m): **45.7** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
24.4	710.4			Sand & Silt
32.0	702.8			Clay Blue
36.6	698.2			Sand Blue
44.2	690.6			Shale Green
48.8	686.0			Sandstone
51.8	683.0			Shale Gray
57.9	676.9			Sandstone
59.4	675.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 31-052-02 W5M**

Well Number **06715**

Well Owner: **Schulthies, Gord**

Elevation (AMSL) (m): **726**

AEP: **406037**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,366.68**

Date Started: **14 Dec 94**

Northing: **5,929,286.00**

Date Completed: **15 Dec 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **69.8** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **47.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **68.9**  
 Perforated How: **Saw**  
 from (m): **47.2** to **68.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 13st** Intake (m): **42.7**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **30.2**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	715.6	Clay Silty Yellow
32.0	694.0	Clay Blue
33.5	692.4	Clay Yellow
48.8	677.2	Shale Brittle Green
50.3	675.7	Shale Sandy Gray
52.1	673.8	Shale Brittle Green
54.9	671.1	Shale Sandy Gray
59.7	666.2	Shale Brittle Green
63.4	662.6	Sandstone
64.6	661.4	Shale Green
66.4	659.5	Shale Sandy Gray
68.3	657.7	Shale Green
69.5	656.5	Shale Sandy Gray
69.8	656.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



---32-052-02 W5M

Well Number 06716

Well Owner: **Albers, Stan**

Elevation (AMSL) (m): **730**

AEP: **356873**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **49,300.83**

Date Started:

Northing: **5,929,569.50**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth **67.1** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                  Drawdown (m):  
Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 32-052-02 W5M**

Well Number **06717**

Well Owner: **Appleby, Frank**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **734**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368855**  
 Easting: **49,731.44**  
 Northing: **5,930,159.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 32-052-02 W5M**

Well Number **06718**

Well Owner: **Gray, Ron**

Elevation (AMSL) (m): **727**

AEP: **396796**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,264.42**

Date Started: **23 Jun 94**

Northing: **5,929,211.00**

Date Completed: **24 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **28.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **46.0**  
 Perforated How: **Saw**  
 from (m): **28.7** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **25.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **13.1**  
 Rec'd intake (m): **25.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	725.2			Clay Yellow
6.7	720.3			Clay & Gravel Sandy
7.3	719.7			Clay Blue
7.9	719.1			Sand & Coal
9.1	717.9			Clay Blue
11.6	715.5			Gravel
16.1	710.9			Clay Blue
16.8	710.3			Gravel
27.4	699.6			Clay Blue
28.0	699.0			Shale Sandy Gray
30.5	696.6			Shale Gray
32.0	695.0			Shale & Coal Brown
37.2	689.9			Shale Gray
38.7	688.3			Shale & Coal Blue
41.8	685.3			Shale Greenish Gray
46.9	680.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-052-02 W5M**

Well Number **06719**

Well Owner: **Appleby, Frank**

Elevation (AMSL) (m): **750**

AEP: **396801**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **50,984.35**

Date Started: **20 Oct 93**

Northing: **5,929,854.00**

Date Completed: **22 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **31.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **75.3** Bottom (m): **75.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **75.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **87.2**  
 Perforated How: **Saw**  
 from (m): **73.2** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **50.0** Drawdown (m): **18.9**  
 Rec'd intake (m): **50.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	735.0	Clay Sandy Yellow
36.6	713.7	Clay Blue
45.7	704.6	Sand & Coal
47.6	702.7	Gravel
57.9	692.4	Clay Blue
58.8	691.5	Shale Green
63.4	686.9	Shale Sandy Gray
69.2	681.1	Shale Soft Green
72.2	678.1	Sandstone Yellow
77.7	672.6	Shale Green
85.3	664.9	Shale Sandy Gray
88.1	662.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-052-02 W5M**

Well Number **06720**

Well Owner: **Bell, Jack**

Elevation (AMSL) (m): **743**

AEP: **376853**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **50,935.32**

Date Started: **02 Nov 93**

Northing: **5,930,027.00**

Date Completed: **05 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **64.3** to **65.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **106.7**  
 Perforated How: **Saw**  
 from (m): **79.2** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g07422** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **31.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	726.3	Clay Brown
36.0	707.5	Clay Gray
59.7	683.7	Sand & Coal Gray
62.5	680.9	Sandstone
63.4	680.0	Shale Gray
64.6	678.8	Shale Green
65.8	677.6	Sandstone
68.3	675.1	Shale Green
70.4	673.0	Sandstone
71.6	671.8	Shale Green
72.8	670.6	Sandstone
74.1	669.4	Shale Green
76.5	666.9	Sandstone
80.5	663.0	Shale Green
83.2	660.2	Sandstone
85.6	657.8	Shale Green
87.5	655.9	Sandstone
88.7	654.7	Shale Green
90.5	652.9	Sandstone
92.7	650.8	Shale Green
94.8	648.6	Sandstone
100.0	643.4	Shale Green
103.9	639.5	Sandstone
106.7	636.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-052-02 W5M**

Well Number **06721**

Well Owner: **Davidson, Phil**

Elevation (AMSL) (m): **743**

AEP: **363002**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **51,032.21**

Date Started: **16 Dec 91**

Northing: **5,930,172.50**

Date Completed: **17 Dec 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **27.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **63.4** Bottom (m): **63.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **63.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **73.2**  
 Perforated How: **Other**  
 from (m): **64.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **21.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.5	730.7			Clay Sandy Yellow
14.9	728.3			Clay Sandy Blue
25.6	717.6			Clay Sandy Yellow
55.8	687.4			Sand
58.5	684.7			Clay Blue
64.3	678.9			Shale Green
66.8	676.5			Sandstone
68.0	675.3			Shale Green
73.2	670.1			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-052-02 W5M**

Well Number **06722**

Well Owner: **Keppler, Doug/Darlene**

Elevation (AMSL) (m): **746**

AEP: **404859**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **50,993.69**

Date Started: **14 Oct 94**

Northing: **5,930,051.50**

Date Completed: **14 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.9** to **75.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **48.2** Drawdown (m): **41.2**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	738.0			Clay Sandy Yellow
32.9	713.0			Clay Blue
47.9	698.0			Sand
51.5	694.4			Clay Blue
53.6	692.2			Sandstone
64.9	681.0			Shale Green
67.4	678.5			Sandstone
71.3	674.6			Shale Green
75.0	670.9			Sandstone
76.2	669.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 33-052-02 W5M**

Well Number **06723**

Well Owner: **Leach, Rob**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356893**  
 Easting: **50,993.69**  
 Northing: **5,930,051.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 33-052-02 W5M**

Well Number **06724**

Well Owner: **Lynes, Daryl**

Elevation (AMSL) (m): **748**

AEP: **379492**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **51,032.21**

Date Started: **16 May 94**

Northing: **5,930,037.50**

Date Completed: **17 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **81.7** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **65.2** Bottom (m): **65.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **65.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **63.4** Bottom (m): **81.7**  
 Perforated How: **Saw**  
 from (m): **69.5** to **80.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **80.8**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **43.9**  
 Rec'd intake (m): **57.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	737.5	Clay Sandy Yellow
32.6	715.9	Clay Blue
49.1	699.4	Sand
57.6	690.9	Clay Blue
66.4	682.0	Shale Green
68.3	680.2	Sandstone
69.8	678.7	Shale Green
71.3	677.2	Sandstone
74.7	673.8	Shale Green
76.5	672.0	Sandstone
77.4	671.1	Shale Green
80.2	668.3	Sandstone
81.7	666.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-052-02 W5M**

Well Number **06725**

Well Owner: **Pauley, Rosemary**

Elevation (AMSL) (m): **746**

AEP: **371128**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **50,993.69**

Date Started:

Northing: **5,930,051.50**

Date Completed: **07 Oct 93**

**General:**

Type of Work: **Old Well-Test**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**SE 33-052-02 W5M**

Well Number **06726**

Well Owner: **Bacon, Ray**

Elevation (AMSL) (m): **745**

AEP: **359859**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,399.29**

Date Started: **31 Jul 91**

Northing: **5,929,165.50**

Date Completed: **01 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **39.6** to **40.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	736.3			Clay Yellow
11.0	733.9			Clay Gray
11.9	733.0			Clay & Sand
18.6	726.3			Clay Blue
25.9	719.0			Clay & Sand Blue
32.9	712.0			Clay Sandy Blue
33.8	711.0			Sand & Coal
41.8	703.1			Sand
42.1	702.8			Coal
45.7	699.2			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 34-052-02 W5M**

Well Number **06727**

Well Owner: **Brule, E.**

Elevation (AMSL) (m): **747**

AEP: **357642**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **52,579.12**

Date Started: **18 Apr 91**

Northing: **5,929,090.50**

Date Completed: **24 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **112.8** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **105.5** Bottom (m): **105.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **104.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **103.6** Bottom (m): **112.8**  
 Perforated How: **Saw**  
 from (m): **106.7** to **111.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g07** Intake (m): **81.7**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **85.3** Drawdown (m): **27.4**  
 Rec'd intake (m): **81.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	738.5	Clay Sandy Brown
18.9	728.1	Silt Gray
31.7	715.3	Clay See Comments Gray
39.6	707.4	Sand Fine Grained Gray
57.9	689.1	Clay & Coal Gray
62.2	684.8	Clay Gray
63.4	683.6	Clay Gray
63.7	683.3	Gravel
67.7	679.3	Sand Fine Grained
70.1	676.9	Sandstone
89.9	657.1	Clay Sandy Gray
100.0	647.0	Clay Sandy Gray
103.9	643.1	Shale Green
106.4	640.6	Siltstone Green
107.3	639.7	Sandstone Hard Gray
107.6	639.4	Limestone
109.7	637.3	Sandstone Gray
111.9	635.1	Siltstone Gray
112.8	634.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-052-02 W5M**

Well Number **06728**

Well Owner: **Looli, J**

Elevation (AMSL) (m): **747**

AEP: **357990**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **52,579.12**

Date Started: **09 May 91**

Northing: **5,929,090.50**

Date Completed: **13 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **61.6** to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Other**  
 from (m): **62.5** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **7g05422** Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **9.8**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	743.3	Topsoil
6.1	740.9	Clay Sandy Gray
14.9	732.1	Silt Gray
15.5	731.4	Silt Brown
29.9	717.1	Silt Sandy Gray
31.4	715.6	Sand & Coal
60.0	686.9	Silt
60.7	686.3	Till Clayey Gray
62.5	684.5	Shale Gray
64.0	683.0	Sandstone Greenish Gray
67.4	679.6	Sandstone Fine Grained Gray
73.5	673.5	Shale Gray
73.8	673.2	Sandstone Gray
75.0	672.0	Shale Gray
75.9	671.1	Sandstone Gray
76.2	670.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 34-052-02 W5M**

Well Number **06729**

Well Owner: **Bell, Bill**

Elevation (AMSL) (m): **751**

AEP: **379483**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **51,886.81**

Date Started: **04 May 94**

Northing: **5,929,213.00**

Date Completed: **04 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **70.4**  
 Perforated How: **Saw**  
 from (m): **62.8** to **69.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **52.1** Drawdown (m): **33.8**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	745.6			Clay Yellow
38.7	712.4			Clay Blue
42.4	708.7			Sand
55.2	695.9			Clay Blue
63.1	688.0			Shale Green
69.5	681.6			Sandstone
70.4	680.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-052-02 W5M**

Well Number **06730**

Well Owner: **Beresowsky**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **759**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356894**  
 Easting: **54,361.44**  
 Northing: **5,930,010.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-052-02 W5M**

Well Number **06731**

Well Owner: **Mccormack, John**

Elevation (AMSL) (m): **760**

AEP: **368920**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,453.83**

Date Started: **03 Mar 93**

Northing: **5,929,868.00**

Date Completed: **04 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **79.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **75.3** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **75.3** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **27.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	748.9			Sand Silty
21.3	738.2			Clay Sandy Yellow
25.6	733.9			Clay & Sand
41.2	718.4			Clay Blue
42.7	716.9			Clay & Sand
54.9	704.7			Clay Blue
55.8	703.8			Sand & Coal
71.6	687.9			Clay Silty Blue
76.2	683.3			Clay Hard Blue
79.2	680.3			Shale Sandy Gray
80.8	678.8			Shale Gray
82.3	677.3			Sandstone
84.4	675.1			Shale Green
86.6	673.0			Shale Sandy Gray
87.8	671.8			Shale Green
89.3	670.2			Shale Sandy Gray
91.4	668.1			Shale Green
93.6	666.0			Shale Sandy Gray
95.1	664.5			Shale Green
96.0	663.5			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 35-052-02 W5M**

Well Number **06732**

Well Owner: **Pitre, Russ**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **757**      AEP: **406708**  
 Licence No.:                      Easting: **54,523.50**  
 Date Started: **04 Mar 95**      Northing: **5,929,765.00**  
 Date Completed: **05 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.1** (m)  
 NPWL (m): **21.3**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.6**      Bottom (m): **57.6**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): **51.5**      to **55.8**  
**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **57.6**      to **58.8**      Size: **0.01**  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:                      Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **27.4**                      Time (minute): **120.0**  
 Level End (m): **42.7**                      Drawdown (m): **21.3**  
 Rec'd intake (m): **42.7**                      Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	746.0	Clay Sandy Brown
41.2	715.5	Clay Blue
59.1	697.5	Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-052-02 W5M**

Well Number **06733**

Well Owner: **Tovey, John**

Elevation (AMSL) (m): **757**

AEP: **381073**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,185.76**

Date Started: **01 Jun 95**

Northing: **5,929,946.50**

Date Completed: **02 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **80.2** Bottom (m): **80.2**  
 OD (mm): **168.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **80.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **77.7** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **80.2** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi S4513p** Intake (m): **51.8**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **48.2** Drawdown (m): **23.8**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
27.4	729.9			Sand Yellow
36.0	721.4			Clay Yellow
79.2	678.1			Clay Blue
79.6	677.8			Clay Yellow
80.8	676.6			Shale Gray
81.7	675.7			Shale Sandy Gray
85.0	672.3			Shale Green
89.6	667.7			Shale Sandy Gray
94.2	663.2			Shale Green
95.7	661.6			Shale Sandy Gray
96.0	661.3			Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 35-052-02 W5M**

Well Number **06734**

Well Owner: **Throness, Dean M**

Elevation (AMSL) (m): **742**

AEP: **361698**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **53,580.68**

Date Started:

Northing: **5,930,000.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 35-052-02 W5M**

Well Number **06735**

Well Owner: **Cameron, Darryl**

Elevation (AMSL) (m): **747**

AEP: **378918**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **54,291.85**

Date Started: **14 Jan 94**

Northing: **5,928,941.00**

Date Completed: **14 Jan 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **66.8** to **68.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **72.8** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **7.6**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.5	723.3	Till Brownish Yellow
26.2	720.6	Clay Blue
39.3	707.4	Sand Gray
40.8	705.9	Clay Blue
66.1	680.6	Sand & Coal Gray
67.1	679.7	Clay Blue
72.8	673.9	Shale Green
73.5	673.3	Shale Brown
79.8	666.9	Sandstone Medium Grained
82.0	664.8	Shale Green
83.8	662.9	Sandstone Medium Grained
85.3	661.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-052-02 W5M**

Well Number **06736**

Well Owner: **Cornelius, R**

Elevation (AMSL) (m): **752**

AEP: **352029**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **54,296.64**

Date Started: **08 May 90**

Northing: **5,929,140.00**

Date Completed: **10 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **168.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **65.5** to **67.1** Size: **0.12**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **180.0**  
 Level End (m): **63.7** Drawdown (m): **45.7**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	747.8	Sand	
36.3	716.1	Clay	
39.3	713.0	Sand	
42.1	710.3	Coal	
64.0	688.3	Sand	
65.5	686.8	Coal	
66.1	686.2	Sand	
67.1	685.3	Coal	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-052-02 W5M**

Well Number **06737**

Well Owner: **Munro, George**

Elevation (AMSL) (m): **751**

AEP: **351044**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **54,576.88**

Date Started: **22 Jan 90**

Northing: **5,928,853.50**

Date Completed: **23 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **81.4** Bottom (m): **81.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **81.4**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.2**  
 Top (m): **79.8** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **97.5** to **79.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	742.9	Clay Brown
40.8	710.6	Clay Gray
65.8	685.6	Sand
67.4	684.1	Gravel
80.2	671.3	Clay Gray
83.5	667.9	Shale Green
87.8	663.7	Sandstone
90.8	660.6	Shale Green
94.2	657.3	Shale Gray
96.6	654.8	Sandstone
97.5	653.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-052-02 W5M**

Well Number **06738**

Well Owner: **Shanks, Les**

Elevation (AMSL) (m): **753**

AEP: **399315**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **54,708.61**

Date Started: **30 Apr 94**

Northing: **5,928,872.50**

Date Completed: **02 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **79.6** Bottom (m): **79.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **73.2** to **79.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **79.8** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **8.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	744.7			Till Brownish Yellow
22.3	730.7			Sand Fine Grained Brown
23.5	729.5			Clay Soft Blue
34.8	718.2			Sand Fine Grained Gray
36.0	717.0			Clay Soft Blue
46.6	706.3			Sand Fine Grained Gray
48.5	704.5			Clay Blue
66.1	686.8			Sand & Coal Gray
70.4	682.5			Clay Blue
77.7	675.2			Shale Gray
82.6	670.3			Shale Green
85.3	667.6			Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 35-052-02 W5M**

Well Number **06739**

Well Owner: **Sproule, Richard**

Elevation (AMSL) (m): **753**

AEP: **396802**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **54,287.05**

Date Started: **10 Sep 94**

Northing: **5,929,210.50**

Date Completed: **11 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.5** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.6** Bottom (m): **64.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **64.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **63.1** Bottom (m): **80.5**  
 Perforated How: **Saw**  
 from (m): **68.0** to **80.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **80.5**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **69.8** Drawdown (m): **52.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.0	739.3			Clay Sandy Yellow
40.5	712.8			Clay Sandy Blue
53.6	699.7			Sand
57.6	695.7			Shale Gray
62.2	691.1			Shale Green
64.0	689.3			Shale Gray
68.0	685.3			Shale Green
69.5	683.8			Sandstone
71.3	682.0			Shale Green
78.0	675.3			Shale Gray
79.8	673.5			Sandstone
80.5	672.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 35-052-02 W5M**

Well Number **06740**

Well Owner: **Coldwell, Brian**

Elevation (AMSL) (m): **755**

AEP: **380513**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **53,536.04**

Date Started: **02 Sep 92**

Northing: **5,929,197.00**

Date Completed: **04 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.7** Bottom (m): **70.7**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **70.7**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **71.0** to **78.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkley 7mg11** Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **25.9**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	739.4	Clay Sandy Brown
27.4	727.2	Clay Blue
53.3	701.3	Sand Coarse Grained Gray
61.0	693.7	Clay Blue
72.5	682.1	Shale
79.2	675.4	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-052-02 W5M**

Well Number **06741**

Well Owner: **Crowell**

Elevation (AMSL) (m): **755**

AEP: **357643**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **53,536.04**

Date Started: **15 Apr 91**

Northing: **5,929,197.00**

Date Completed: **18 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **30.8** to **32.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **7g05422** Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **0.3**  
 Rec'd intake (m): **29.9** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	751.0			Clay Clayey Blue
5.5	749.2			Clay Brown
12.8	741.8			Clay Gray
15.9	738.8			Clay & Coal Brown
20.7	733.9			Silt Gray
21.9	732.7			Clay & Rocks Gray
24.4	730.3			Clay
29.0	725.7			Clay Silty Gray
29.6	725.1			Silt Gray
32.6	722.0			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 35-052-02 W5M**

Well Number **06742**

Well Owner: **Robichavd, Lorrie/Conrad**

Elevation (AMSL) (m): **754**

AEP: **366583**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,459.45**

Date Started: **18 Sep 92**

Northing: **5,928,982.00**

Date Completed: **21 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **66.1** Bottom (m): **66.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **66.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **65.2** Bottom (m): **86.0**  
 Perforated How: **Saw**  
 from (m): **76.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **22.9**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.2	730.7	Clay Sandy Yellow
42.1	711.8	Sand
50.3	703.5	Clay Sandy Blue
57.0	696.8	Shale Gray
64.3	689.5	Sandstone Yellow
76.5	677.3	Shale Green
84.7	669.1	Sandstone
86.0	667.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 36-052-02 W5M**

Well Number **06743**

Well Owner: **Waddell, Dave**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **755**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361701**  
 Easting: **56,310.88**  
 Northing: **5,930,377.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-052-02 W5M**

Well Number **06744**

Well Owner: **Bastin, Bob**

Elevation (AMSL) (m): **758**

AEP: **387037**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,316.19**

Date Started: **21 Jun 94**

Northing: **5,929,733.50**

Date Completed: **22 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.7** Bottom (m): **67.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **67.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **66.1** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **68.6** to **80.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **62.2** Drawdown (m): **44.2**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	754.1			Sand Silty
20.7	737.3			Clay Sandy Yellow
31.7	726.4			Clay Blue
34.4	723.6			Sand
38.4	719.7			Clay Blue
54.3	703.8			Sand
57.6	700.5			Clay Blue
66.4	691.6			Shale Gray
68.9	689.2			Shale Green
72.2	685.8			Sandstone
76.5	681.6			Shale Green
79.8	678.2			Sandstone
82.0	676.1			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-052-02 W5M**

Well Number **06745**

Well Owner: **Carstens, John**

Elevation (AMSL) (m): **761**

AEP: **379496**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,207.16**

Date Started: **13 May 94**

Northing: **5,929,788.49**

Date Completed: **18 May 94**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment: **Bentonite Product 14 May 94**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **57.9** to **59.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **31.7**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	757.3	Clay Brown
5.2	756.1	Clay Brown
11.3	750.0	Clay Brown
21.9	739.3	Clay Gray
46.9	714.3	Clay & Sand Fine Grained Gray
55.5	705.8	Sand & Gravel Coarse Grained
57.6	703.7	Clay Gray
58.8	702.4	Shale Green
60.0	701.2	Sandstone
63.1	698.2	Shale Green
64.6	696.7	Sandstone
65.5	695.7	Shale Green
67.4	693.9	Sandstone
68.6	692.7	Shale Green
72.8	688.4	Sandstone
76.2	685.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 36-052-02 W5M**

Well Number **06746**

Well Owner: **Foster, G**

Elevation (AMSL) (m): **762**

AEP: **354615**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,204.12**

Date Started: **10 Jan 91**

Northing: **5,930,006.00**

Date Completed: **13 Jan 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.8** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **58.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **59.7** to **61.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.0	751.2	Clay Sandy Brown
12.2	750.0	Shale Brownish Gray
16.8	745.4	Clay & Coal Gray
41.5	720.7	Clay Gray
43.0	719.2	Coal
65.8	696.4	Sand & Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-02 W5M**

Well Number **06747**

Well Owner: **Gylander, Russell**

Elevation (AMSL) (m): **762**

AEP: **400314**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,204.12**

Date Started: **20 Dec 94**

Northing: **5,930,006.00**

Date Completed: **19 Jan 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **89.9** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **62.2**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **59.7** Bottom (m): **89.0**  
 Perforated How: **Saw**  
 from (m): **62.2** to **89.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **62.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **56.4** Drawdown (m): **40.2**  
 Rec'd intake (m): **62.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	756.1	Sand
21.3	740.9	Clay Yellow
36.6	725.6	Clay Blue
51.2	711.0	Clay & Sand
56.4	705.8	Clay Blue
57.0	705.2	Clay Yellow
57.9	704.3	Shale Green
59.4	702.8	Shale Sandy Gray
61.9	700.3	Shale Brittle Gray
63.4	698.8	Shale Green
68.6	693.6	Shale Sandy Gray
77.1	685.1	Shale Green
83.8	678.4	Shale Sandy Gray
85.3	676.9	Shale Green
88.4	673.8	Shale Sandy Gray
89.9	672.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 36-052-02 W5M**

Well Number **06748**

Well Owner: **Manolescu, Raylene**

Elevation (AMSL) (m): **747**

AEP: **364753**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **55,032.98**

Date Started: **15 Feb 92**

Northing: **5,930,186.00**

Date Completed: **15 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.6** Bottom (m): **57.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **57.6** to **59.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **39.6** Drawdown (m): **10.1**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	742.3	Sand Brown
16.1	730.4	Till Brownish Yellow
23.5	723.1	Till Blue
41.5	705.1	Clay Soft Blue
50.3	696.3	Sand Fine Grained Brown
51.5	695.0	Clay Blue
53.6	692.9	Sand & Coal Gray
60.0	686.5	Sand & Coal Gray
64.0	682.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-02 W5M**

Well Number **06749**

Well Owner: **Maywald, Siegfried**

Elevation (AMSL) (m): **763**

AEP: **369874**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,245.01**

Date Started: **23 Mar 93**

Northing: **5,929,857.50**

Date Completed: **23 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **44.5** to **46.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **8.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	751.7	Sand Silty
16.1	746.5	Clay Sandy Yellow
31.4	731.3	Clay Sandy Blue
46.9	715.7	Sand
48.8	713.9	Clay Sandy Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-02 W5M**

Well Number **06750**

Well Owner: **Maywald, Sigfried**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361700**  
 Easting: **55,204.12**  
 Northing: **5,930,006.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-052-02 W5M**

Well Number **06751**

Well Owner: **Offerman, John**

Elevation (AMSL) (m): **748**

AEP: **351289**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,810.34**

Date Started: **15 May 90**

Northing: **5,929,915.00**

Date Completed: **16 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **131.6** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **69.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.2** Bottom (m): **90.5**  
 Perforated How: **Machine**  
 from (m): **69.2** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	735.6	Clay Sandy Yellow
36.6	711.2	Clay Blue
51.8	696.0	Sand
62.5	685.3	Clay Blue
64.6	683.2	Sandstone
65.5	682.3	Shale Green
68.6	679.2	Shale Sandy Gray
71.6	676.2	Shale Green
73.8	674.0	Shale Sandy Gray
77.7	670.1	Shale Green
79.2	668.6	Shale Sandy Gray
82.3	665.5	Shale Green
85.3	662.5	Shale Sandy Gray
86.9	660.9	Shale Green
89.6	658.2	Shale Sandy Gray
91.4	656.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-02 W5M**

Well Number **06752**

Well Owner: **Reid, Russ**

Elevation (AMSL) (m): **764**

AEP: **359860**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,216.23**

Date Started: **22 Aug 91**

Northing: **5,929,942.50**

Date Completed: **23 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **56.7** to **57.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	755.4	Sand
17.7	746.0	Clay Sandy Yellow
18.6	745.1	Clay Blue
21.3	742.3	Clay Sandy Gray
32.6	731.1	Clay Gray
35.0	728.6	Sand Gray
36.6	727.1	Clay Sandy
60.0	703.6	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-052-02 W5M**

Well Number **06753**

Well Owner: **Slinko, Zygmunt**

Elevation (AMSL) (m): **765**

AEP: **351587**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,107.19**

Date Started: **28 May 90**

Northing: **5,930,015.00**

Date Completed: **29 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **52.7** to **54.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	760.6			Sand
11.0	753.6			Clay Yellow
23.8	740.8			Sand Yellow
32.6	732.0			Clay Sandy Blue
55.5	709.1			Sand
56.4	708.2			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-052-02 W5M**

Well Number **06754**

Well Owner: **Dick, Gordon**

Elevation (AMSL) (m): **746**

AEP: **418218**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,193.34**

Date Started: **14 Sep 95**

Northing: **5,929,276.00**

Date Completed: **14 Sep 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **57.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **61.0** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **68.9** Drawdown (m): **55.2**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.5	731.0			Clay Sandy Yellow
19.5	727.0			Sand
29.9	716.6			Clay Blue
34.4	712.1			Sand
45.1	701.4			Clay Blue
47.9	698.6			Sand
49.1	697.4			Sandstone
52.4	694.1			Shale Green
53.3	693.2			Sandstone
60.4	686.1			Shale Green
63.1	683.4			Shale Gray
64.6	681.9			Sandstone
73.5	673.0			Shale Green
80.5	666.0			Sandstone
82.0	664.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-052-02 W5M**

Well Number **06755**

Well Owner: **Givilliam, Marlayne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **748**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361699**  
 Easting: **56,029.11**  
 Northing: **5,928,994.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 36-052-02 W5M**

Well Number **06756**

Well Owner: **Tomlinson, Williams**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366997**  
 Easting: **56,108.79**  
 Northing: **5,929,272.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 36-052-02 W5M**

Well Number **06757**

Well Owner: **Wilford, R**

Elevation (AMSL) (m): **747**

AEP: **366553**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,977.61**

Date Started: **07 Oct 92**

Northing: **5,929,174.00**

Date Completed: **09 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **61.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **88.4**  
 Perforated How: **Saw**  
 from (m): **70.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05422** Intake (m): **54.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **26.5**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.7	743.5	Sand Brown
6.4	740.8	Clay Brown
8.2	738.9	Sand Brown
21.9	725.2	Clay Brown
31.4	715.8	Clay Gray
55.2	692.0	Sand & Coal
56.7	690.5	Shale Green
59.4	687.7	Sandstone
62.2	685.0	Shale Green
64.3	682.8	Sandstone
66.1	681.0	Shale Green
67.7	679.5	Sandstone
69.2	678.0	Shale Green
72.8	674.3	Sandstone
74.1	673.1	Shale Green
75.9	671.3	Sandstone
80.2	667.0	Shale Green
82.9	664.3	Sandstone
84.7	662.4	Shale Hard Green
86.3	660.9	Sandstone
88.4	658.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-052-03 W5M**

Well Number **06758**

Well Owner: **Gray, George**

Elevation (AMSL) (m): **740**

AEP: **352828**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **46,179.75**

Date Started: **30 Mar 90**

Northing: **5,921,589.50**

Date Completed: **31 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **83.2** (m)  
 NPWL (m): **42.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **66.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **18.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	733.9	Clay Brown
16.5	723.2	Clay Blue
19.8	719.9	Clay Silty
25.0	714.7	Sand & Coal
36.6	703.1	Clay Blue
39.6	700.1	Clay Sandy
51.2	688.5	Clay Blue
52.4	687.3	Sandstone & Gravel Brown
60.4	679.3	Sand Clayey Gray
69.2	670.5	Shale Gray
73.2	666.5	Sand & Shale Gray
79.6	660.1	Shale Gray
82.9	656.8	Sandstone Gray
83.2	656.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-052-03 W5M**

Well Number **06759**

Well Owner: **Henkel, Doug**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **754**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368856**  
 Easting: **45,093.20**  
 Northing: **5,921,809.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 01-052-03 W5M**

Well Number **06760**

Well Owner: **Henkel, Doug**

Elevation (AMSL) (m): **741**

AEP: **351045**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **45,178.09**

Date Started:

Northing: **5,920,736.00**

Date Completed: **04 Dec 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **97.5** (m)  
 NPWL (m): **53.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.4**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **60.4** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **60.4** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **59.7**

**Testing:**

Rate (lpm): **22.8** Time (minute): **480.0**  
 Level End (m): **58.2** Drawdown (m): **5.2**  
 Rec'd intake (m): **60.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

6.1	734.6	Sand Brown
24.7	716.0	Clay Sandy Blue
36.3	704.5	Clay Gray
52.1	688.6	Shale & Sandstone Gray
52.4	688.3	Coal
53.0	687.7	Sandstone
53.3	687.4	Shale & Coal Black
60.4	680.4	Shale Gray
61.6	679.2	Sandstone Gray
64.0	676.7	Shale Gray
67.4	673.4	Sandstone Gray
67.7	673.1	Shale Brown
73.2	667.6	Shale Gray
77.4	663.3	Sandstone Gray
78.6	662.1	Sandstone
86.6	654.2	Shale & Sandstone
93.9	646.9	Shale Gray
94.8	645.9	Sandstone Gray
95.1	645.6	Sandstone
96.6	644.1	Sandstone Gray
97.5	643.2	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-052-03 W5M**

Well Number **06761**

Well Owner: **Klem, Elaine**

Elevation (AMSL) (m): **750**

AEP: **376549**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **43,121.18**

Date Started: **19 Mar 93**

Northing: **5,922,053.50**

Date Completed: **19 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **67.1** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **66.4**  
 Perforated How: **Machine**  
 from (m): **57.3** to **66.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **4.6**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	746.1	Clay Sandy Brown
14.9	734.9	Silt Brown
26.5	723.3	Sand & Silt Blue
36.3	713.5	Sand Brown
42.7	707.1	Clay Gray
44.8	705.0	Shale Sandy Gray
47.2	702.6	Shale Green
49.1	700.7	Coal
50.0	699.8	Shale Gray
52.7	697.1	Coal
57.3	692.5	Shale Sandy Gray
58.5	691.3	Sand Coarse Grained
59.7	690.1	Shale Sandy Gray
60.4	689.4	Sandstone Gray
65.2	684.6	Sand Gray
66.4	683.4	Shale Gray
67.1	682.7	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-052-03 W5M**

Well Number **06762**

Well Owner: **Henkel, Todd**

Elevation (AMSL) (m): **716**

AEP: **351047**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **43,081.73**

Date Started: **30 Aug 89**

Northing: **5,920,814.49**

Date Completed: **03 Sep 89**

**General:**

Type of Work: **Dry Hole**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.3	708.5	Clay Brown
16.1	699.6	Clay Blue
18.3	697.5	Sand Blue
21.9	693.9	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 03-052-03 W5M**

Well Number **06763**

Well Owner: **Henkel, Todd**

Elevation (AMSL) (m): **734**

AEP: **351046**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **43,251.98**

Date Started: **06 Oct 89**

Northing: **5,921,407.50**

Date Completed: **06 Oct 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.1** (m)  
 NPWL (m): **32.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.2** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **32.9** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **41.2**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **7.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	729.6			Clay Sandy
29.3	704.6			Clay Soft
29.9	704.0			Coal
30.8	703.0			Shale & Coal
33.5	700.3			Shale Gray
40.8	693.0			Shale Sandy Gray
43.9	689.9			Sand Gray
45.1	688.7			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



16-09-052-03 W5M

Well Number 06764

Well Owner: **Alta Env #1189e**

Elevation (AMSL) (m): **716**

AEP: **401726**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **41,580.34**

Date Started:

Northing: **5,923,646.00**

Date Completed: **29 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	712.5	Sand Soft Brownish Yellow
9.1	706.4	Sand Silty Brownish Yellow
9.8	705.8	Sand Silty Tan
18.3	697.3	Siltstone Hard Gray
19.8	695.7	Siltstone & Sandstone Hard Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-052-03 W5M**

Well Number **06765**

Well Owner: **Turner, Howard B**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356895**  
 Easting: **41,400.13**  
 Northing: **5,923,463.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-052-03 W5M**

Well Number **06766**

Well Owner: **Kilde, Russell**

Elevation (AMSL) (m): **750**

AEP: **386255**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **43,571.73**

Date Started: **08 Jun 94**

Northing: **5,922,721.50**

Date Completed: **09 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **43.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.6** Bottom (m): **53.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **53.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **52.4** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **54.9** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **66.1** Drawdown (m): **22.3**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	732.6	Clay Sandy Yellow
23.8	725.9	Sand
45.1	704.5	Clay Blue
54.6	695.1	Shale Gray
59.1	690.5	Sandstone
64.3	685.3	Shale Green
66.8	682.9	Shale Gray
74.1	675.6	Sandstone & Coal
76.2	673.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

05-12-052-03 W5M

Well Number 06767

Well Owner: **Alta Env #1187e**

Elevation (AMSL) (m): **744**

AEP: **401723**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **45,258.38**

Date Started:

Northing: **5,922,621.00**

Date Completed: **29 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	738.8			Clay Soft Brownish Yellow
15.2	729.0			Silt Soft Brownish Yellow
19.5	724.8			Silt Hard Brownish Yellow
24.4	719.9			Silt Hard Dark Gray
29.0	715.3			Silt Soft Dark Gray
38.7	705.6			Silt Sandy Brownish Yellow
43.3	701.0			Sand Fine Grained
53.6	690.6			Siltstone
61.0	683.3			Siltstone & Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-052-03 W5M**

Well Number **06768**

Well Owner: **Carmichael, Glen**

Elevation (AMSL) (m): **733**

AEP: **381446**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,634.58**

Date Started: **13 Jun 95**

Northing: **5,922,642.50**

Date Completed: **15 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **33.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.3** Bottom (m): **72.2**  
 Perforated How: **Saw**  
 from (m): **33.8** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **SI8p4cp-0 S/R** Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **11.6**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	727.7	Clay Yellow
26.2	707.2	Clay Blue
28.0	705.4	Clay & Boulders Blue
29.0	704.5	Coal
33.2	700.2	Shale & Coal Brown
33.5	699.9	Siltstone
38.1	695.4	Shale Gray
42.1	691.4	Shale & Coal Brown
43.6	689.9	Shale & Coal Brown
43.9	689.6	Sandstone Hard
52.4	681.0	Shale Greenish Gray
57.3	676.2	Shale Sandy Gray
57.9	675.5	Shale Gray
66.1	667.3	Shale Green
68.6	664.9	Shale Sandy Gray
73.2	660.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**EH 13-052-03 W5M**

Well Number **06769**

Well Owner: **Whitworth, Kevin**

Elevation (AMSL) (m): **734**

AEP: **352099**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **46,193.12**

Date Started: **08 Aug 90**

Northing: **5,924,563.00**

Date Completed: **08 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **52.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **51.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **114.0**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	724.7	Clay Brown
18.3	715.6	Clay Gray
22.9	711.0	Sand Silty Gray
45.7	688.1	Sand Gray
50.6	683.3	Clay
54.3	679.6	Shale Brown
56.4	677.5	Shale Gray
57.9	675.9	Siltstone
60.0	673.8	Shale Green
60.4	673.5	Shale Brown
61.9	672.0	Sandstone
64.0	669.9	Shale Gray
64.6	669.2	Sandstone
66.1	667.7	Shale Gray
66.8	667.1	Sandstone
67.1	666.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 13-052-03 W5M**

Well Number **06770**

Well Owner: **Holmes, Randy**

Elevation (AMSL) (m): **734**

AEP: **350726**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **46,193.87**

Date Started: **07 Jul 95**

Northing: **5,924,522.50**

Date Completed: **07 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **56.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **70.4**  
 Perforated How: **Saw**  
 from (m): **57.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **70.4**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **17.4** Drawdown (m): **2.7**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	726.4			Clay Yellow
31.1	703.2			Clay Blue
51.5	682.8			Sand
53.0	681.3			Clay Blue
54.6	679.7			Shale Gray
59.1	675.2			Shale Green
66.4	667.9			Sandstone
70.4	663.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

12-14-052-03 W5M

Well Number 06771

Well Owner: #1183e

Elevation (AMSL) (m): 755

AEP: 411461

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 43,538.47

Date Started:

Northing: 5,924,950.00

Date Completed: 27 May 74

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth: **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.7	748.7	Clay Soft Brownish Yellow
18.3	737.1	Till Silty Brownish Yellow
18.9	736.5	Coal Soft
34.1	721.3	Silt & Coal
48.8	706.7	Sand & Silt
60.7	694.8	Silt Sandy
63.4	692.0	Sand Fine Grained
64.6	690.8	Siltstone Dark Gray
65.5	689.9	Siltstone Gray
69.5	685.9	Siltstone Sandy Light Gray
70.1	685.3	Sandstone Fine Grained Greenis

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 23-052-03 W5M**

Well Number **06789**

Well Owner: **Dorn, Lou**

Elevation (AMSL) (m): **753**

AEP: **369647**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **44,491.65**

Date Started: **01 Mar 78**

Northing: **5,926,644.00**

Date Completed: **01 Mar 78**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **54.9**                      Bottom (m): **54.9**  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m):                      to **54.9**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	738.2	Clay Yellow
19.2	733.4	Clay Blue
23.8	728.8	Sandstone
24.7	727.9	Shale
25.9	726.6	Sandstone
30.8	721.8	Shale
35.4	717.2	Sandstone
39.0	713.5	Shale
40.8	711.7	Sandstone
46.3	706.2	Shale
46.9	705.6	Sandstone
47.9	704.7	Coal Dry
52.7	699.8	Shale
53.0	699.5	Coal
55.2	697.4	Sandstone
57.0	695.6	Shale
64.0	688.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 23-052-03 W5M**

Well Number **06790**

Well Owner: **Wylie, Bryan**

Elevation (AMSL) (m): **753**

AEP: **406039**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **44,491.65**

Date Started: **04 May 95**

Northing: **5,926,644.00**

Date Completed: **05 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.5** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **37.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **34.8** Bottom (m): **50.6**  
 Perforated How: **Saw**  
 from (m): **37.2** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Mcdonald** Intake (m): **33.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **15.9**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.4	742.2			Clay Silty Yellow
31.7	720.9			Clay Blue
32.3	720.2			Shale Brown
36.6	716.0			Shale Brittle Gray
40.5	712.0			Shale Green
43.0	709.6			Coal
45.1	707.4			Shale Gray
47.2	705.3			Coal
50.0	702.6			Shale Sandy Gray
51.5	701.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-052-03 W5M**

Well Number **06791**

Well Owner: **Paul Band / Rain, Walter**

Elevation (AMSL) (m): **745**

AEP: **358448**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **46,494.45**

Date Started: **27 Jun 91**

Northing: **5,926,781.50**

Date Completed: **27 Jun 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **49.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **79.2**  
 Perforated How: **Hand Drill**  
 from (m): **73.2** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **48.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.6	737.8	Clay Brown
19.8	725.6	Clay Gray
21.9	723.5	Sandstone Soft
22.3	723.2	Shale
23.2	722.3	Coal Fractured
25.0	720.4	Shale Fractured Brown
25.9	719.5	Siltstone
47.6	697.9	Sandstone Soft
53.3	692.1	Shale Gray
56.4	689.0	Sandstone
57.0	688.4	Sandstone Hard
65.5	679.9	Shale
66.4	679.0	Coal
72.8	672.6	Shale
76.2	669.2	Siltstone
77.1	668.3	Coal
79.2	666.2	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-052-03 W5M**

Well Number **06792**

Well Owner: **Rain, Delores (Paul Band)**

Elevation (AMSL) (m): **745**

AEP: **366090**

Licence No.:

Easting: **46,494.45**

Drilling Contractor: *Midwest Water Well Ltd.*

Date Started: **31 Aug 92**

Northing: **5,926,781.50**

Date Completed: **31 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **79.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **91.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **48.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	742.4	Clay
4.6	740.9	Shale
5.5	739.9	Coal
9.4	736.0	Sandstone Soft
16.8	728.7	Shale Blue
18.0	727.5	Coal
20.7	724.7	Shale Gray
43.3	702.2	Sandstone Soft
44.2	701.2	Shale Bentonitic
44.5	700.9	Coal
54.0	691.5	Shale
56.1	689.4	Siltstone
58.8	686.6	Shale
59.1	686.3	Sandstone
71.3	674.1	Shale Gray
72.8	672.6	Coal
74.1	671.4	Shale
75.3	670.2	Sandstone
78.0	667.4	Shale Gray
78.3	667.1	Coal
81.7	663.8	Shale Green
89.6	655.8	Sandstone
91.4	654.0	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-052-03 W5M**

Well Number **06793**

Well Owner: **Paul Band (Rain, Howard)**

Elevation (AMSL) (m): **745**

AEP: **418265**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **45,328.82**

Date Started: **05 Oct 95**

Northing: **5,926,679.00**

Date Completed: **11 Oct 95**

<b>General:</b>		
Type of Work:	<b>New Well</b>	
Drilling Method:	<b>Rotary</b>	
Well Use:	<b>Domestic</b>	
Completed Depth:	<b>92.7</b>	(m)
NPWL (m):	<b>27.4</b>	Verified NPWL (m):
Abandonment:		
<b>Casing:</b>		
Type:	<b>Plastic</b>	
Depth (m):	<b>43.9</b>	Bottom (m): <b>43.9</b>
OD (mm):	<b>152.4</b>	Thickness (mm): <b>0.1</b>
Seal Type:	<b>Formation Seal</b>	
from (m):	to	<b>43.9</b>
<b>Liner:</b>		
Type:		
OD (mm):	<b>127.0</b>	Thickness (mm): <b>0.1</b>
Top (m):	<b>42.4</b>	Bottom (m): <b>91.7</b>
Perforated How:	<b>Saw</b>	
from (m):	<b>43.9</b>	to <b>91.7</b> Size:
from (m):	to	Size:
from (m):	to	Size:
<b>Screen:</b>		
Material:		
OD (mm):		
from (m):	to	Size:
from (m):	to	Size:
<b>Open Hole:</b>		
from (m):	to	
<b>Pump: Sub</b>		
Model:	<b>McDonald</b>	Intake (m): <b>81.7</b>
<b>Testing:</b>		
Rate (lpm):	<b>4.6</b>	Time (minute): <b>120.0</b>
Level End (m):	<b>76.2</b>	Drawdown (m): <b>48.8</b>
Rec'd intake (m):	<b>81.7</b>	Rec'd Rate (lpm): <b>4.6</b>

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	739.8	Clay Yellow
8.5	736.5	Clay Blue
9.1	735.9	Shale Greenish Gray
9.4	735.6	Coal
10.4	734.7	Shale Green
13.4	731.6	Shale Sandy Gray
18.0	727.0	Shale Greenish Gray
21.3	723.7	Coal
23.2	721.9	Shale Gray
41.8	703.3	Shale Sandy Gray
45.4	699.6	Shale Gray
46.0	699.0	Coal
53.3	691.7	Shale Gray
56.1	688.9	Shale Sandy Gray
60.0	685.0	Shale Gray
61.6	683.4	Shale Gray
67.1	678.0	Shale Gray
67.4	677.7	Coal
72.8	672.2	Shale Gray
74.4	670.6	Coal
81.7	663.3	Shale Gray
84.7	660.3	Shale Sandy Gray
86.3	658.8	Shale Gray
86.9	658.2	Shale Sandy Gray
88.7	656.3	Shale Gray
89.9	655.1	Shale Sandy Gray
92.7	652.4	Shale Gray

<b>Laboratory:</b>		
pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N
<i>Chemical Constituents are in mg/l (ppm). Except as noted.</i>		

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-052-03 W5M**

Well Number **06794**

Well Owner: **Rain, Kurt (Paul Band)**

Elevation (AMSL) (m): **721**

AEP: **366091**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **46,268.12**

Date Started: **02 Sep 92**

Northing: **5,927,991.50**

Date Completed: **02 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **34.8** Bottom (m): **34.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **42.7** Size:  
 from (m): **42.7** to **48.8** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.6**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	4.9	716.2		Clay
	14.6	706.4		Sand Silty Gray
	28.0	693.0		Clay
	31.4	689.7		Sandstone Soft
	40.8	680.2		Shale Gray
	44.2	676.9		Sandstone
	44.5	676.6		Coal
	45.1	676.0		Shale Gray
	46.0	675.0		Coal
	46.6	674.4		Shale Green
	46.9	674.1		Coal Bentonitic
	47.6	673.5		Coal
	50.0	671.1		Shale Gray
	50.6	670.5		Coal
	50.9	670.2		Shale Brown
	54.9	666.2		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-03 W5M**

Well Number **06795**

Well Owner: **Rain, Lisa (Paul Band Ir)**

Elevation (AMSL) (m): **721**

AEP: **396505**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,268.12**

Date Started: **25 Aug 94**

Northing: **5,927,991.50**

Date Completed: **26 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **44.5**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.0** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **44.5** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4c02tl-S/R** Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **42.7**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	719.5	Clay Silty Yellow
6.1	715.0	Sand & Gravel Coarse Grained
10.4	710.7	Clay Yellow
14.6	706.4	Shale Sandy Gray
16.8	704.3	Shale & Coal Brittle
17.7	703.4	Shale Light Gray
24.1	697.0	Shale Brittle
24.4	696.7	Coal
25.9	695.2	Shale Brittle
36.9	684.2	Sandstone
38.4	682.7	Shale & Coal Brown
43.3	677.8	Sandstone
46.9	674.1	Shale Greenish Gray
47.9	673.2	Coal
48.8	672.3	Shale Gray
50.6	670.5	Coal
51.8	669.3	Shale Gray
53.0	668.0	Coal
54.9	666.2	Shale Gray
56.7	664.4	Coal
60.4	660.7	Shale Gray
61.0	660.1	Shale Sandy Green
61.9	659.2	Coal
63.4	657.7	Shale Sandy Gray
64.9	656.1	Shale Green
70.7	650.4	Shale Gray
73.8	647.3	Shale Sandy Gray
82.3	638.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-052-03 W5M**

Well Number **06796**

Well Owner: **Bonner, Derrick**

Elevation (AMSL) (m): **733**

AEP: **367296**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **46,233.36**

Date Started: **01 Dec 92**

Northing: **5,927,530.50**

Date Completed: **02 Dec 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **29.6** to **31.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **42.7**  
 Perforated How: **Saw**  
 from (m): **33.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g0742z** Intake (m): **36.6**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **21.3**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	729.7			Clay Brown
5.2	728.2			Sand Brown
27.7	705.6			Clay & Sand Gray
28.4	705.0			Coal
29.0	704.4			Shale Brown
29.6	703.8			Sandstone
32.0	701.4			Shale Green
33.2	700.2			Sandstone
33.8	699.5			Shale Gray
35.7	697.7			Sandstone
36.6	696.8			Coal
37.5	695.9			Shale Green
40.8	692.5			Sandstone
42.7	690.7			Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SE 25-052-03 W5M**

Well Number **06797**

Well Owner: **Gregouire, Mabel**

Elevation (AMSL) (m): **733**

AEP: **360022**

Drilling Contractor: *Warehime, Jack Drilling*

Licence No.:

Easting: **46,188.82**

Date Started: **06 Apr 81**

Northing: **5,927,524.50**

Date Completed: **17 Apr 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
27.4	705.6	Clay Soft
54.9	678.1	Shale
56.4	676.6	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-052-03 W5M**

Well Number **06798**

Well Owner: **House, Dwayne (Paul Band Ir)**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **733**      AEP: **401514**  
 Licence No.:      Easting: **46,188.82**  
 Date Started: **07 Nov 94**      Northing: **5,927,524.50**  
 Date Completed: **08 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **30.5**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.0**      Bottom (m): **28.0**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m):      to **28.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Top (m): **26.5**      Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **28.0**      to **54.0**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model: **S5p4c02tl-02**      Intake (m): **44.2**  
**Testing:**  
 Rate (lpm): **11.4**      Time (minute): **120.0**  
 Level End (m): **40.2**      Drawdown (m): **9.8**  
 Rec'd intake (m): **44.2**      Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	726.9	Clay Yellow
12.2	720.8	Shale Sandy Gray
14.3	718.7	Shale Gray
15.2	717.8	Shale Brittle
16.8	716.2	Coal
20.7	712.3	Shale Brittle
24.1	708.9	Shale Greenish Gray
25.3	707.7	Coal
25.9	707.1	Shale Sandy Gray
26.2	706.8	Stones
27.1	705.9	Clay Blue
27.4	705.6	Shale Brown
29.0	704.1	Shale Green
46.3	686.7	Shale Sandy Gray
47.6	685.5	Shale & Coal Brown
48.5	684.5	Shale Sandy Gray
50.0	683.0	Shale & Coal Brown
54.9	678.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-052-03 W5M**

Well Number **06799**

Well Owner: **Rain, Keith (Paul Band Ir)**

Elevation (AMSL) (m): **733**

AEP: **401515**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,188.82**

Date Started: **08 Nov 94**

Northing: **5,927,524.50**

Date Completed: **10 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **23.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **21.9** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **23.8** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **S5p4c02tl-02** Intake (m): **35.0**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **18.9**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	728.4	Clay Yellow
4.9	728.1	Stones
7.0	726.0	Sand & Gravel Fine Grained
7.6	725.4	Clay Sandy Yellow
17.7	715.3	Sand Gray
18.6	714.4	Coal
18.9	714.1	Stones
20.1	712.9	Shale Gray
21.6	711.4	Shale Green
23.8	709.2	Shale Brown
28.0	705.0	Coal
36.6	696.4	Shale Sandy Gray
37.8	695.2	Shale Brittle Gray
47.2	685.8	Shale Sandy Gray
48.8	684.2	Shale Brown
50.3	682.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 26-052-03 W5M**

Well Number **06800**

Well Owner: **Railway Handimart**

Elevation (AMSL) (m): **727**

AEP: **357392**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **43,382.43**

Date Started: **10 Apr 91**

Northing: **5,928,282.00**

Date Completed: **10 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **13.4** Bottom (m): **13.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **13.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **24.4**  
 Perforated How: **Other**  
 from (m): **12.2** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	724.0	Clay Yellow
6.4	721.0	Shale Gray
8.2	719.1	Sandstone
14.6	712.7	Shale Gray
15.2	712.1	Coal
17.1	710.3	Shale Gray
18.6	708.8	Sandstone
21.3	706.0	Shale Gray
21.9	705.4	Coal
24.4	703.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-052-04 W5M**

Well Number **06825**

Well Owner: **Burke Perry Homes**

Elevation (AMSL) (m): **752**

AEP: **396805**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **36,835.70**

Date Started: **29 Jan 94**

Northing: **5,921,779.00**

Date Completed: **29 Jan 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **40.8**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **38.7** Bottom (m): **63.1**  
 Perforated How: **Saw**  
 from (m): **40.8** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **S8sp4c01pr S/R** Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **11.0** Drawdown (m): **3.4**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	751.1	Gravel
30.5	721.2	Clay Soft Blue
36.0	715.7	Sand & Shale
40.5	711.2	Shale Brittle
43.6	708.1	Shale Green
45.7	706.0	Shale Sandy Gray
48.2	703.5	Shale Green
49.7	702.0	Shale Sandy Gray
51.8	699.9	Shale Green
53.0	698.7	Shale Sandy Gray
54.9	696.8	Shale Green
60.0	691.7	Shale Sandy Gray
64.0	687.7	Shale Hard Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-052-04 W5M**

Well Number **06826**

Well Owner: **Coates, Murry**

Elevation (AMSL) (m): **806**

AEP: **414395**

Drilling Contractor: *Chappell, W. Drilling*

Licence No.:

Easting: **28,686.64**

Date Started: **19 Sep 95**

Northing: **5,920,927.00**

Date Completed: **26 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth **36.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **5.5** Bottom (m): **5.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **5.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.6** Bottom (m): **36.6**  
 Perforated How: **Torch**  
 from (m): **18.3** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **34.1** Drawdown (m): **18.9**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	801.4	Clay Brown
7.3	798.7	Sandstone
19.8	786.2	Clay Sandy
22.6	783.5	Sandstone
25.9	780.1	Shale Gray
26.8	779.2	Sandstone
28.0	778.0	Shale Gray
28.7	777.4	Coal
30.2	775.8	Shale Gray
31.7	774.3	Shale Brown
34.1	771.9	Coal
36.6	769.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-052-04 W5M**

Well Number **06827**

Well Owner: **Winnichuk, Steave**

Elevation (AMSL) (m): **803**

AEP: **365122**

Licence No.:

Easting: **27,689.60**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **29 May 92**

Northing: **5,920,597.00**

Date Completed: **10 Sep 92**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **100.3** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **100.3**  
 Perforated How: **Machine**  
 from (m): **39.3** to **75.9** Size:  
 from (m): **82.0** to **100.3** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **44.2**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	798.5	Clay Sandy Brown
6.7	796.7	Shale & Sandstone Fractured
13.1	790.3	Clay Sandy Gray
22.6	780.8	Clay & Shale
23.8	779.6	Shale Light Gray
26.2	777.2	Shale Gray
29.9	773.5	Shale & Coal
32.6	770.8	Shale Green
36.0	767.4	Shale Gray
37.8	765.6	Sand & Sandstone Gray
41.5	761.9	Shale & Coal
43.0	760.4	Shale Gray
43.9	759.5	Shale Sandy Gray
44.8	758.6	Sandstone Gray
47.6	755.8	Sand Gray
48.2	755.2	Shale Light Brown
52.4	751.0	Sand & Sandstone Gray
53.3	750.0	Sandstone Gray
65.5	737.9	Sand & Sandstone Gray
72.5	730.8	Coal
72.8	730.5	Shale Light Brown
74.4	729.0	Coal
74.7	728.7	Old Well
77.7	725.7	Coal
78.3	725.1	Shale & Sandstone Ledges Gray
79.2	724.1	Shale Green
93.3	710.1	Sand Fine Grained Gray
95.7	707.7	Shale & Coal
100.3	703.1	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-052-04 W5M**

Well Number **06828**

Well Owner: **Moger, Doug**

Elevation (AMSL) (m): **747**

AEP: **350782**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **34,100.57**

Date Started: **23 Mar 90**

Northing: **5,922,337.50**

Date Completed: **24 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **149.3** (m)  
 NPWL (m): **25.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.0** Bottom (m): **149.3**  
 Perforated How: **Machine**  
 from (m): **70.1** to **106.7** Size:  
 from (m): **112.8** to **149.3** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **137.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **121.9** Drawdown (m): **96.6**  
 Rec'd intake (m): **137.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	736.0	Clay Sandy Brown
60.4	686.6	Silt Brown
72.5	674.4	Shale Gray
72.8	674.1	Sandstone Brown
74.4	672.6	Sand Fine Grained Gray
78.0	668.9	Shale Gray
78.9	668.0	Sandstone Fine Grained Gray
82.9	664.1	Shale Gray
87.8	659.2	Coal Gray
91.7	655.2	Sand Fine Grained
93.0	654.0	Shale Gray
94.8	652.2	Sand Fine Grained Gray
97.5	649.4	Sand Light Gray
101.8	645.2	Shale Gray
103.6	643.3	Shale Green
105.5	641.5	Sandstone Gray
106.1	640.9	Shale Gray
107.6	639.4	Shale & Coal
110.9	636.0	Sand Fine Grained Gray
120.7	626.3	Shale & Sandstone Fine Grained
134.4	612.6	Sand Fine Grained
138.4	608.6	Shale Green
149.3	597.6	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**NW 24-052-04 W5M**

Well Number **06829**

Well Owner: **Paul Band (Rain, Darlene)**

Elevation (AMSL) (m): **739**

AEP: **364949**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **35,451.60**

Date Started: **20 Oct 95**

Northing: **5,926,873.50**

Date Completed: **23 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **40.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **37.8** Bottom (m): **50.6**  
 Perforated How: **Saw**  
 from (m): **40.2** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **S5p4c02tl S/R** Intake (m): **42.1**

**Testing:**

Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **2.4**  
 Rec'd intake (m): **42.1** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.2	737.8	Clay Yellow
1.8	737.1	Clay Blue
7.6	731.4	Shale Sandy Gray
9.8	729.2	Stones Sandy Gray
11.0	728.0	Shale Brittle Gray
12.5	726.5	Coal
13.1	725.9	Shale Green
16.1	722.8	Shale Sandy Gray
21.3	717.6	Shale Brittle Gray
22.3	716.7	Shale Sandy Gray
23.8	715.2	Coal
24.4	714.6	Shale & Coal Brown
25.6	713.4	Shale Gray
26.2	712.8	Shale Green
27.1	711.8	Shale Sandy Gray
29.6	709.4	Shale Green
30.2	708.8	Shale Brown
31.7	707.3	Shale Light Green
43.0	696.0	Shale Sandy Gray
44.2	694.8	Shale Brown
44.8	694.2	Shale Greenish Gray
48.5	690.5	Shale Hard Gray
49.4	689.6	Shale & Coal Brown
50.3	688.7	Shale Green
51.5	687.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-04 W5M**

Well Number **06830**

Well Owner: **Bills, Ken**

Elevation (AMSL) (m): **730**

AEP: **379505**

Drilling Contractor: *Byrt, Stan & Sons Ltd.*

Licence No.:

Easting: **35,694.69**

Date Started: **09 Dec 93**

Northing: **5,927,994.05**

Date Completed: **09 Dec 93**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **90.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 09 Dec 93**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	729.7			Topsoil
5.2	724.8			Till Brown
6.7	723.3			Till Gray
7.0	723.0			Sand
15.9	714.2			Till Gray
17.1	712.9			Sand Brown
55.8	674.2			Till Gray
56.7	673.3			Sand Fine Grained Brown
64.6	665.4			Till Sandy Gray
66.8	663.3			Sand Fine Grained Brown
73.8	656.2			Till Gray
79.2	650.8			Sand Fine Grained Brownish Gra
81.1	648.9			Sand Medium Grained Brownish G
82.0	648.0			Clay Brown
85.6	644.4			Sand Medium Grained Brownish G
90.5	639.5			Sand Coarse Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 25-052-04 W5M**

Well Number **06831**

Well Owner: **Saulteaux, Gordon**

Elevation (AMSL) (m): **758**

AEP: **357881**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **36,701.65**

Date Started: **17 May 91**

Northing: **5,927,130.00**

Date Completed: **17 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **34.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **67.1** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **54.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	754.4	Clay Sandy
7.6	750.5	Sand
11.0	747.1	Clay
11.6	746.5	Coal
19.5	738.6	Shale Soft
21.6	736.5	Sandstone
30.8	727.3	Shale Gray
45.4	712.7	Sandstone
45.7	712.4	Coal
46.3	711.8	Shale Brown
47.2	710.9	Shale Gray
47.6	710.6	Coal
48.2	709.9	Shale Green
50.0	708.1	Shale Gray
53.0	705.1	Sandstone
56.1	702.0	Shale
57.9	700.2	Sandstone
67.4	690.7	Shale
68.0	690.1	Coal
75.9	682.2	Shale
76.5	681.6	Sandstone
77.7	680.4	Coal
89.0	669.1	Sandstone
91.4	666.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 27-052-04 W5M**

Well Number **06832**

Well Owner: **Bearhead, Vernon #Paul Band**

Elevation (AMSL) (m): **711**

AEP: **357760**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **33,504.20**

Date Started: **19 Sep 84**

Northing: **5,927,999.00**

Date Completed: **20 Sep 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **22.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	705.2	Clay Brown
9.1	701.6	Clay Blue
10.7	700.0	Shale
14.3	696.4	Clay Sandy
16.1	694.6	Shale Fractured
18.9	691.8	Shale Green
25.9	684.8	Sandstone Light Gray
33.5	677.2	Shale
36.9	673.8	Shale Green
42.7	668.0	Shale
44.5	666.2	Shale Green
45.7	665.0	Shale
53.3	657.4	Sandstone Light Gray
54.9	655.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-30-052-04 W5M

Well Number 06833

Well Owner: **Wabamun Lake (G1)**

Elevation (AMSL) (m): **733**

AEP: **379583**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **27,341.49**

Date Started:

Northing: **5,928,136.72**

Date Completed: **13 Feb 75**

**General:**

Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **36.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.7	729.9	Organic Matter
10.7	722.0	Coal
11.0	721.7	Shale Light Gray
12.2	720.5	Coal
12.8	719.9	Shale
13.7	719.0	Coal Light Gray
15.2	717.4	Shale Light Gray
15.5	717.1	Shale Light Brown
16.8	715.9	Coal
18.3	714.4	Shale Light Blue
26.8	705.9	Shale Interbedded Light Gray
29.9	702.8	Sandstone Light Gray
30.5	702.2	Siltstone Light Gray
32.0	700.7	Shale Light Blue
36.6	696.1	Shale Light Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 30-052-04 W5M**

Well Number **06834**

Well Owner: **Byers, R. Douglas**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354044**  
 Easting: **27,512.32**  
 Northing: **5,928,332.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **11.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 30-052-04 W5M**

Well Number **06835**

Well Owner: **Byers, R. Douglas**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356896**  
 Easting: **27,512.32**  
 Northing: **5,928,332.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 30-052-04 W5M**

Well Number **06836**

Well Owner: **Fondrick, Doug**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **357761**  
 Easting: **27,552.11**  
 Northing: **5,928,243.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 30-052-04 W5M**

Well Number **06837**

Well Owner: **Novosel, Frank**

Elevation (AMSL) (m): **728**

AEP: **418106**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **27,552.11**

Date Started: **24 Aug 95**

Northing: **5,928,243.50**

Date Completed: **24 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.3** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **17.7**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **29.0**  
 Perforated How: **Machine**  
 from (m): **18.9** to **25.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **7.3**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	724.5	Clay Brown
6.7	721.1	Coal
10.1	717.7	Shale & Coal
12.5	715.3	Shale Sandy Gray
13.1	714.7	Sandstone Gray
19.5	708.3	Shale Dark Gray
25.3	702.5	Sand & Sandstone Gray
29.3	698.5	Shale Gray
31.7	696.1	Shale & Coal
33.8	694.0	Shale Sandy Gray
36.0	691.8	Shale Gray
54.0	673.9	Shale Sandy Gray
57.6	670.2	Shale Gray
60.0	667.8	Shale & Coal
61.0	666.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 30-052-04 W5M**

Well Number **06838**

Well Owner: **Bartkus, Peter #East Well**

Elevation (AMSL) (m): **729**

AEP: **365469**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **28,409.31**

Date Started: **14 May 92**

Northing: **5,927,541.50**

Date Completed: **14 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.8** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **58.8**  
 Perforated How: **Machine**  
 from (m): **43.6** to **58.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds 5g05412** Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **46.9**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.4	726.1	Clay
7.3	722.1	Coal
8.8	720.6	Shale & Coal
11.6	717.8	Shale Sandy
12.5	716.9	Sandstone Gray
14.0	715.4	Shale Green
16.1	713.3	Shale Dark Gray
18.9	710.5	Shale Green
19.5	709.9	Shale & Coal
21.0	708.4	Sand Gray
22.6	706.9	Sandstone Gray
25.3	704.1	Shale Sandy Gray
25.6	703.8	Sandstone Gray
29.9	699.5	Shale & Coal
34.1	695.3	Shale Gray
34.4	695.0	Coal
35.7	693.7	Shale Green
42.7	686.7	Sand & Sandstone Gray
47.6	681.9	Sand Gray
56.1	673.3	Sand Coarse Grained Gray
56.7	672.7	Shale Gray
58.5	670.9	Shale Sandy Gray
58.8	670.6	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 30-052-04 W5M**

Well Number **06839**

Well Owner: **Plumite, J West Well**

Elevation (AMSL) (m): **729**

AEP: **365452**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **28,409.31**

Date Started: **15 May 92**

Northing: **5,927,541.50**

Date Completed: **15 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.8** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.8** Bottom (m): **58.8**  
 Perforated How: **Machine**  
 from (m): **36.6** to **58.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 5g05412** Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **50.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	727.3	Clay Brown
6.4	723.0	Coal
9.8	719.7	Shale & Coal
12.2	717.2	Shale Sandy Gray
12.8	716.6	Sandstone Gray
19.5	709.9	Shale Gray
20.4	709.0	Shale & Coal
24.1	705.3	Sand Gray
24.7	704.7	Sandstone Gray
28.7	700.8	Shale & Coal
32.3	697.1	Shale Gray
32.6	696.8	Shale Sandy Green
35.4	694.0	Shale Gray
46.0	683.4	Sand & Sandstone Gray
55.5	673.9	Sand Gray
56.1	673.3	Shale Gray
57.3	672.1	Shale Sandy Gray
58.8	670.6	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

08-02-052-05 W5M

Well Number 06840

Well Owner: **Chase Drilling Ltd #Rig 5**

Elevation (AMSL) (m): **794**

AEP: **358530**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **25,354.78**

Date Started: **12 Jul 91**

Northing: **5,920,840.38**

Date Completed: **12 Jul 91**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **45.7** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment: **Unknown** **26 Jul 91**

**Casing:**

Type: **Steel**  
 Depth (m): **6.4** Bottom (m): **6.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **6.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **30.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Gunfos** Intake (m): **30.5**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **21.9**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	1.8	792.2		Clay
	3.7	790.3		Sand & Shale Brown
	6.7	787.3		Shale Brown
	11.6	782.4		Shale Brown
	14.0	780.0		Shale Sandy Gray
	15.9	778.2		Sandstone Sandy Gray
	17.7	776.3		Shale Gray
	18.6	775.4		Coal
	28.7	765.4		Shale Gray
	36.9	757.1		Sandstone Gray
	38.7	755.3		Shale Gray
	39.9	754.1		Coal
	45.7	748.3		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 06-052-05 W5M**

Well Number **06841**

Well Owner: **Hesketh, Dave**

Elevation (AMSL) (m): **816**

AEP: **352253**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **17,457.58**

Date Started:

Northing: **5,921,513.00**

Date Completed: **30 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **21.3**

**Testing:**

Rate (lpm): **34.2** Time (minute): **360.0**  
 Level End (m): **16.1** Drawdown (m): **2.7**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	813.9			Sand
3.7	812.1			Clay
10.7	805.1			Sandstone & Shale Ledges
12.8	803.0			Shale Gray
16.1	799.6			Sandstone Gray
18.3	797.5			Shale Gray
23.2	792.6			Shale & Sandstone Gray
33.5	782.2			Shale & Sandstone Gray
36.6	779.2			Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-052-05 W5M**

Well Number **06842**

Well Owner: **Mastaler, Leroy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **818**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **358319**  
 Easting: **17,521.25**  
 Northing: **5,920,993.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **28.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 07-052-05 W5M**

Well Number **06843**

Well Owner: **Stevens, Charles**

Elevation (AMSL) (m): **811**

AEP: **367376**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,410.42**

Date Started: **17 Jun 92**

Northing: **5,923,241.00**

Date Completed: **17 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **9.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	803.6			Clay & Sand Brown
11.3	799.4			Sandstone Brown
11.9	798.8			Coal
17.1	793.6			Sandstone Brown
20.7	789.9			Sandstone Blue
31.7	779.0			Shale Hard Gray
36.6	774.1			Sandstone Coarse Grained Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 10-052-05 W5M**

Well Number **06844**

Well Owner: **Ketchion, Thomas**

Elevation (AMSL) (m): **807**

AEP: **356006**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,323.81**

Date Started: **22 Feb 91**

Northing: **5,923,223.00**

Date Completed: **22 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.8** Bottom (m): **45.1**  
 Perforated How: **Machine**  
 from (m): **30.5** to **45.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **39.6**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **10.4**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	803.0	Clay Sandy
12.5	794.2	Sand Brown
14.0	792.6	Shale Soft Gray
18.6	788.1	Shale Gray
24.1	782.6	Coal
27.7	778.9	Shale Sandy Gray
32.3	774.4	Shale Gray
33.2	773.4	Shale & Coal
37.8	768.9	Shale Sandy Gray
41.5	765.2	Sand See Comments Gray
43.0	763.7	Sand Gray
45.1	761.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**16-13-052-05 W5M**

Well Number **06845**

Well Owner: **Wabamun Lake (F1)**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **764**      AEP: **379580**  
 Licence No.:                              Easting: **26,950.24**  
 Date Started:                              Northing: **5,924,904.16**  
 Date Completed: **13 Feb 75**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **44.2** (m)  
 NPWL (m):                              Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.6**                              Bottom (m): **43.6**  
 OD (mm): **25.4**                              Thickness (mm):  
 Seal Type:  
 from (m):                              to

**Liner:**  
 Type:  
 OD (mm):                              Thickness (mm):  
 Top (m):                              Bottom (m):  
 Perforated How:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Open Hole:**  
 from (m):                              to

**Pump:**  
 Model:                              Intake (m):

**Testing:**  
 Rate (lpm):                              Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	760.5	Clay Gray
4.6	759.6	Shale Bluish Green
6.1	758.0	Shale Gray
7.6	756.5	Shale Light Green
7.9	756.2	Coal
8.5	755.6	Shale Light Blue
9.1	755.0	Shale Light Gray
10.7	753.5	Shale Dark Green
11.6	752.6	Shale Light Green
13.7	750.4	Shale Light Gray
16.8	747.4	Shale
18.3	745.9	Sandstone Fine Grained Light G
19.8	744.3	Sandstone Coarse Grained Light
20.1	744.0	Rocks Hard
22.3	741.9	Sandstone Fine Grained Light G
22.6	741.6	Rocks Hard
26.8	737.3	Sandstone Fine Grained Light G
27.1	737.0	Rocks Hard
32.0	732.1	Sandstone Light Gray
36.6	727.6	Sandstone Fine Grained Light G
41.2	723.0	Sandstone Light Gray
44.2	720.0	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

04-15-052-05 W5M

Well Number 06846

Well Owner: **Alta Env #1340e**

Elevation (AMSL) (m): **822**

AEP: **401605**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **22,473.66**

Date Started:

Northing: **5,923,657.29**

Date Completed: **22 Oct 75**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Plugged** **15 Jan 76**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m): **28.0**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	815.5	Sandstone Fine Grained Brownis
10.7	810.9	Sandstone Medium Grained Brown
12.8	808.8	Sandstone Medium Grained Dark
17.1	804.5	Siltstone Compacted Dark Gray
24.4	797.2	Coal Hard
29.0	792.6	Coal Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 16-052-05 W5M**

Well Number **06847**

Well Owner: **Albrecht, E.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356897**  
 Easting: **20,633.51**  
 Northing: **5,924,857.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 16-052-05 W5M**

Well Number **06848**

Well Owner: **Copper, Allen**

Elevation (AMSL) (m): **793**

AEP: **367416**

Drilling Contractor: *Sunshine Drilling Ltd.*

Licence No.:

Easting: **21,927.87**

Date Started: **28 Aug 92**

Northing: **5,923,834.50**

Date Completed: **28 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **13.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **7.9** Bottom (m): **7.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Welded Ring**  
 from (m): to **7.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **6.1** Bottom (m): **30.5**  
 Perforated How: **Saw**  
 from (m): **6.4** to **30.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jet** Intake (m): **29.0**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **28.7** Drawdown (m): **15.2**  
 Rec'd intake (m): **28.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	790.0	Clay Brown
3.7	789.1	Sandstone Brown
5.5	787.3	Sandstone & Coal Mixed White
6.7	786.1	Sandstone Green
8.8	783.9	Sandstone Gray
9.8	783.0	Sandstone Medium Grained Gray
20.7	772.0	Sandstone Green
24.1	768.7	Sandstone Gray
27.1	765.6	Sandstone Light Gray
29.3	763.5	Sandstone Medium Grained Gray
30.5	762.3	Sandstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-052-05 W5M**

Well Number **06849**

Well Owner: **Getty, Homer**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **811**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364612**  
 Easting: **18,743.33**  
 Northing: **5,924,830.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-052-05 W5M**

Well Number **06850**

Well Owner: **Dinsdale, Neville**

Elevation (AMSL) (m): **815**

AEP: **353135**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,695.74**

Date Started: **27 Sep 90**

Northing: **5,924,019.00**

Date Completed: **27 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **30.5** (m)  
 NPWL (m): **8.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **30.5**  
 Perforated How: **Machine**  
 from (m): **19.8** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **9.4**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	811.3	Clay Sandy Brown
5.5	809.5	Clay Gray
10.1	804.9	Sand Brown
10.7	804.3	Sandstone Gray
14.3	800.7	Sand Brown
16.5	798.5	Sand & Coal
17.1	797.9	Shale Green
17.7	797.3	Sandstone Gray
19.2	795.8	Shale Gray
19.8	795.2	Sandstone Gray
23.5	791.5	Shale Green
24.7	790.3	Sandstone Gray
27.1	787.9	Shale Green
28.7	786.3	Sand & Shale Gray
30.5	784.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-052-05 W5M**

Well Number **06851**

Well Owner: **Hinter, Ross**

Elevation (AMSL) (m): **815**

AEP: **378265**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **17,695.74**

Date Started: **28 Jul 95**

Northing: **5,924,019.00**

Date Completed: **28 Jul 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.4** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **24.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.9** Bottom (m): **35.4**  
 Perforated How: **Saw**  
 from (m): **29.9** to **35.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.4**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **28.0** Drawdown (m): **6.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	810.7			Clay Sandy Yellow
14.9	800.1			Sandstone Yellow
21.6	793.4			Shale Green
29.9	785.1			Shale Gray
34.4	780.6			Sandstone
35.4	779.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-052-05 W5M

Well Number 06852

Well Owner: **Arc Th#75-74, 485**

Elevation (AMSL) (m): **792**

AEP: **368721**

Licence No.:

Easting: **22,467.66**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,926,487.68**

Date Completed: **19 Sep 74**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth **278.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	787.2	Till Brown
7.6	784.1	Clay Gray
9.1	782.6	Siltstone Gray
10.7	781.1	Siltstone Yellow
18.3	773.4	Clay Gray
25.9	765.8	Shale Gray
29.0	762.8	Shale Greenish Gray
30.5	761.3	Shale & Coal Brownish Green
32.0	759.7	Shale Greenish Gray
33.5	758.2	Shale & Coal Brownish Green
39.6	752.1	Siltstone Bentonitic Gray
42.7	749.1	Siltstone Brownish Gray
44.2	747.5	Shale Soft Tan
47.2	744.5	Shale & Siltstone Brownish Gr
50.3	741.4	Sandstone Silty Gray
53.3	738.4	Siltstone Sandy Gray
54.9	736.9	Sandstone Silty Gray
56.4	735.3	Shale Silty Gray
57.9	733.8	Sandstone Argillaceous Gray
59.4	732.3	Siltstone Soft Dark Gray
61.0	730.8	Siltstone Soft Gray
64.0	727.7	Shale Soft Greenish Gray
68.6	723.2	Coal Black
74.7	717.1	Shale Carbonaceous Black
79.2	712.5	Shale & Coal Black
80.8	711.0	Shale Greenish Gray
82.3	709.4	Shale & Coal Black
89.9	701.8	Shale Greenish Gray
91.4	700.3	Shale Argillaceous Gray
97.5	694.2	Shale Brownish Gray
102.1	689.6	Shale Carbonaceous Black
103.6	688.1	Shale & Coal Tan
105.2	686.6	Shale Bentonitic Tan
106.7	685.1	Shale Sandy Greenish Gray
111.3	680.5	Sandstone Argillaceous Light G
114.3	675.9	Sand & Coal Silty Light Gray
115.8	675.9	Sand & Shale Silty Light Gray
117.3	674.4	Sandstone & Coal Bentonitic Li
118.9	672.9	Sand & Shale Silty Brownish Gr
126.5	665.2	Sandstone Silty Light Gray
128.0	663.7	Shale & Sandstone Silty Gray
129.5	662.2	Shale & Sandstone Greenish Gr
131.1	662.2	Sand & Shale Gray
135.6	656.1	Shale & Sandstone Silty Greeni
140.2	651.5	Sandstone
147.8	643.9	Sandstone Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NE 25-052-05 W5M**

Well Number **06853**

Well Owner: **Trans Alta Obs Well 1**

Elevation (AMSL) (m): **731**

AEP: **362043**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **26,665.37**

Date Started: **24 Sep 91**

Northing: **5,928,129.50**

Date Completed: **24 Sep 91**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **23.5** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.3**

**Liner:**

Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **23.5**  
 Perforated How: **Torch**  
 from (m): **11.3** to **23.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **23.5**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **23.5** Drawdown (m): **15.9**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	727.1	Fill
5.8	725.0	Clay Sandy
7.6	723.2	Sand & Coal
10.7	720.1	Clay
14.9	715.9	Shale
18.0	712.8	Siltstone
18.6	712.2	Shale Green
19.2	711.6	Shale Bentonitic Brown
19.8	711.0	Shale Green
20.1	710.7	Sandstone
20.4	710.4	Shale Hard Brown
21.3	709.5	Sandstone Soft
23.5	707.3	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-05 W5M**

Well Number **06854**

Well Owner: **Trans Alta Obs Well 2**

Elevation (AMSL) (m): **731**

AEP: **362045**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **26,665.37**

Date Started: **25 Sep 91**

Northing: **5,928,129.50**

Date Completed: **25 Sep 91**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **23.2** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.1**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **23.2**  
 Perforated How: **Torch**  
 from (m): **12.2** to **23.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **23.2**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **23.2** Drawdown (m): **17.1**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	728.1	Fill
4.3	726.5	Sand
4.9	725.9	Muskeg
6.7	724.1	Clay
7.0	723.8	Coal
10.7	720.1	Clay Silty Gray
11.0	719.8	Coal
11.6	719.2	Clay Silty Gray
11.9	718.9	Sand
14.6	716.2	Shale Green
15.2	715.6	Siltstone
20.4	710.4	Shale Gray
23.2	707.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-05 W5M**

Well Number **06855**

Well Owner: **Trans Alta Well 1**

Elevation (AMSL) (m): **731**

AEP: **362044**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **26,665.37**

Date Started: **23 Sep 91**

Northing: **5,928,129.50**

Date Completed: **23 Sep 91**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **21.6** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **2.1** Bottom (m): **2.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **2.1**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **21.6**  
 Perforated How: **Torch**  
 from (m): to **16.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **21.6**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **21.6** Drawdown (m): **17.1**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	729.3	Till
8.2	722.6	Coal
8.8	722.0	Shale
9.4	721.3	Coal
10.1	720.7	Shale Brown
10.4	720.4	Shale Bentonitic
11.9	718.9	Coal
12.8	718.0	Bentonite
14.6	716.2	Coal
14.9	715.9	Shale Carbonaceous
16.5	714.3	Coal
19.8	711.0	Shale Green
20.7	710.1	Siltstone
21.6	709.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-052-05 W5M**

Well Number **06856**

Well Owner: **Trans Alta Well 2**

Elevation (AMSL) (m): **731**

AEP: **362046**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **26,665.37**

Date Started: **23 Sep 91**

Northing: **5,928,129.50**

Date Completed: **23 Sep 91**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **21.3** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **4.0** Bottom (m): **4.0**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **4.0**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **21.3**  
 Perforated How: **Torch**  
 from (m): **3.1** to **16.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **21.3**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **19.8**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	728.4	Clay
2.7	728.1	Clay & Rocks
9.4	721.3	Coal
9.8	721.0	Shale
10.4	720.4	Coal
11.0	719.8	Shale Brown
12.5	718.3	Coal
12.8	718.0	Shale Bentonitic
13.1	717.7	Coal
13.4	717.4	Shale Brown
14.3	716.5	Coal
14.6	716.2	Shale Bentonitic
15.9	714.9	Coal
16.8	714.0	Shale Green
21.3	709.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-05 W5M**

Well Number **06857**

Well Owner: **Trans Alta Obs Well 3**

Elevation (AMSL) (m): **733**

AEP: **362042**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **25,858.22**

Date Started: **26 Sep 91**

Northing: **5,928,133.50**

Date Completed: **26 Sep 91**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **23.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **12.8**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **23.2**  
 Perforated How: **Torch**  
 from (m): **12.2** to **23.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **23.2**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **23.2** Drawdown (m): **14.0**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	730.1	Fill
4.6	728.3	Muskeg
7.0	725.8	Clay Soft
9.1	723.7	Coal
9.4	723.4	Bentonite
11.9	720.9	Sand & Coal
13.7	719.1	Shale Green
14.6	718.2	Siltstone
15.5	717.3	Sandstone
21.6	711.2	Shale
22.9	710.0	Sandstone
23.2	709.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-052-05 W5M**

Well Number **06858**

Well Owner: **Trans Alta Well #3**

Elevation (AMSL) (m): **733**

AEP: **362041**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **25,858.22**

Date Started: **24 Sep 91**

Northing: **5,928,133.50**

Date Completed: **24 Sep 91**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **20.1** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **4.0** Bottom (m): **4.0**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **4.0**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **20.1**  
 Perforated How: **Torch**  
 from (m): **3.7** to **14.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **20.1**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **20.1** Drawdown (m): **17.1**  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm): **114.0**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	730.7	Till
2.4	730.4	Shale & Coal Brown
3.7	729.2	Coal
4.0	728.9	Shale Brown
8.2	724.6	Coal
8.8	724.0	Mudstone
9.4	723.4	Coal
9.8	723.1	Shale Carbonaceous
10.7	722.2	Shale Brown
12.5	720.3	Coal
12.8	720.0	Shale Brown
13.4	719.4	Coal
13.7	719.1	Bentonite
14.9	717.9	Coal
15.2	717.6	Shale Brown
20.1	712.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-30-052-05 W5M

Well Number 06859

Well Owner: **Alta Env #1339e**

Elevation (AMSL) (m): **803**

AEP: **401607**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **18,804.82**

Date Started:

Northing: **5,926,872.89**

Date Completed: **22 Oct 75**

**General:**

Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **41.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Un**  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	801.7	Sandstone Fine Grained Dark Gr
3.1	800.2	Siltstone Carbonaceous Dark Gr
6.1	797.1	Till & Clay Pebbly Black
9.8	793.5	Siltstone & Sandstone Fine Gra
10.7	792.5	Shale Carbonaceous Black
15.2	788.0	Siltstone Laminated Gray
19.8	783.4	Siltstone Hard Gray
24.4	778.8	Siltstone Lost Circulation Gra
29.0	774.3	Siltstone & Coal Shaly Gray
33.5	769.7	Shale & Coal Silty Dark Gray
38.1	765.1	Siltstone & Sandstone Very Fin
41.2	762.1	Sandstone Fine Grained Light G

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**13-31-052-05 W5M**

Well Number **06860**

Well Owner: **Alta Env #1316e**

Elevation (AMSL) (m): **736**

AEP: **401611**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **17,575.60**

Date Started:

Northing: **5,929,699.00**

Date Completed: **11 Oct 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	732.8	Clay & Sand Pebbly Gray
6.1	729.7	Sandstone & Coal Hard Brownish
15.2	720.6	Siltstone & Sandstone Medium G
19.8	716.0	Coal Soft
21.6	714.2	Coal Hard
23.2	712.6	Siltstone Compacted Dark Gray
23.8	712.0	Shale Hard Dark Gray
24.4	711.4	Siltstone Compacted Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-34-052-05 W5M

Well Number 06861

Well Owner: **Alta Env #1338e (R1)**

Elevation (AMSL) (m): **725**

AEP: **401613**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **22,454.61**

Date Started:

Northing: **5,929,721.91**

Date Completed: **22 Oct 75**

**General:**

Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Unknown** **21 Oct 76**

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	722.2	Clay & Coal Silty Dark Gray
6.1	719.2	Siltstone Soft Dark Gray
9.1	716.1	Shale & Silt Bentonitic Green
10.7	714.6	Shale & Siltstone Carbonaceous
15.2	710.0	Shale & Siltstone Carbonaceous
16.8	708.5	Shale & Coal Carbonaceous Blac
19.8	705.5	Shale & Siltstone Carbonaceous
22.9	702.4	Shale Hard Black
24.4	700.9	Shale & Siltstone Carbonaceous
32.0	693.3	Shale & Siltstone Carbonaceous
33.5	691.7	Siltstone Bentonitic Greenish
39.6	685.6	Siltstone Compacted Dark Gray
41.2	684.1	Siltstone & Sandstone Very Fin
42.7	682.6	Sandstone Fine Grained Salt &

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 34-052-05 W5M**

Well Number **06862**

Well Owner: **Matwichuk, Keith**

Elevation (AMSL) (m): **723**

AEP: **358738**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **23,232.14**

Date Started: **05 Nov 90**

Northing: **5,929,373.50**

Date Completed: **10 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **36.6** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **13.7** Time (minute): **600.0**  
 Level End (m): **33.5** Drawdown (m): **24.1**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	716.7			Clay Brown
11.3	711.5			Shale Fractured Blue
12.8	710.0			Sandstone Gray
14.9	707.9			Shale Gray
15.5	707.3			Shale Black
23.8	699.0			Shale Blue
35.7	687.1			Shale Blue
39.3	683.5			Shale Hard Blue
60.0	662.8			Shale & Sandstone Gray
61.0	661.8			Shale Bluish Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-052-05 W5M**

Well Number **06863**

Well Owner: **Mulcahy, Bob**

Elevation (AMSL) (m): **728**

AEP: **365831**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **23,707.84**

Date Started: **14 Aug 92**

Northing: **5,929,330.00**

Date Completed: **14 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **45.7** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **38.1**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	723.6	Clay Brown
7.3	720.2	Clay Sandy Gray
10.1	717.5	Coal
11.0	716.5	Sand & Sandstone Gray
11.3	716.2	Sandstone Brown
17.4	710.1	Shale Sandy Gray
20.7	706.8	Shale Green
23.2	704.4	Shale Dark Gray
23.5	704.0	Bentonite Light Gray
24.1	703.4	Sandstone Gray
36.3	691.2	Shale Dark Gray
37.5	690.0	Shale Bentonitic Light Green
53.0	674.5	Sand Gray
57.6	669.9	Sand Coarse Grained Gray
61.9	665.6	Sand & Sandstone Gray
62.5	665.0	Coal
63.4	664.1	Shale Gray
64.0	663.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 34-052-05 W5M**

Well Number **06864**

Well Owner: **Smith, Rick**

Elevation (AMSL) (m): **727**

AEP: **358737**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **23,382.76**

Date Started: **12 Nov 90**

Northing: **5,929,273.50**

Date Completed: **15 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **12.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.1** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **42.1** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Jacuzzi** Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **1200.0**  
 Level End (m): **33.2** Drawdown (m): **20.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	723.8	Clay Gray
11.6	715.2	Sandrock Yellow
36.6	690.3	Shale Gray
41.2	685.7	Shale Black
41.8	685.1	Shale Gray
42.7	684.2	Shale Hard Blue
55.2	671.7	Sandstone Gray
66.4	660.4	Sandstone & Coal Gray
67.1	659.8	Shale Bluish Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 34-052-05 W5M**

Well Number **06865**

Well Owner: **Smith, Ron**

Elevation (AMSL) (m): **724**

AEP: **351293**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **23,581.42**

Date Started: **11 May 90**

Northing: **5,929,318.00**

Date Completed: **14 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **136.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **64.3**  
 Perforated How: **Machine**  
 from (m): **24.4** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **32.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	722.8	Clay Yellow
3.1	721.3	Clay Blue
5.5	718.9	Clay Yellow
9.4	714.9	Shale Dark Gray
11.6	712.8	Coal
13.1	711.3	Shale Green
19.8	704.6	Shale Sandy Gray
26.5	697.8	Shale Green
39.6	684.7	Shale Brown
40.8	683.5	Shale Gray
63.4	661.0	Shale Sandy Gray
65.2	659.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-052-05 W5M**

Well Number **06866**

Well Owner: **Bushnell, Jack**

Elevation (AMSL) (m): **720**

AEP: **356029**

Licence No.:

Easting: **24,004.46**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **05 Feb 91**

Northing: **5,929,395.00**

Date Completed: **12 Feb 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **44.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **42.7** Bottom (m): **68.6**  
 Perforated How: **Other**  
 from (m): **50.3** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **32.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	719.7	Topsoil
3.1	717.0	Clay Oxidized Brown
9.8	710.3	Shale Light Gray
16.1	703.9	Shale Gray
17.7	702.3	Shale Light Gray
22.6	697.5	Shale Gray
22.9	697.1	Coal
27.4	692.6	Shale Gray
33.5	686.5	Shale & Coal
36.6	683.4	Shale Gray
42.7	677.3	Shale See Comments Gray
44.8	675.2	Shale Light Gray
46.6	673.4	Sandstone Light Gray
56.1	663.9	Sandstone Light Green
56.7	663.3	Shale Gray
59.1	660.9	Sandstone Light Green
60.7	659.4	Sandstone Hard Light Gray
64.9	655.1	Sandstone & Coal Coarse Graine
67.4	652.6	Sandstone Stringers Hard
68.6	651.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-052-05 W5M**

Well Number **06867**

Well Owner: **Ransam, J**

Elevation (AMSL) (m): **720**

AEP: **362047**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **23,979.20**

Date Started: **18 Nov 91**

Northing: **5,929,392.00**

Date Completed: **20 Nov 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **40.8** to **42.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05422** Intake (m): **67.1**

**Testing:**

Rate (lpm): **4.6** Time (minute): **180.0**  
 Level End (m): **67.1** Drawdown (m): **47.2**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.1	717.9			Clay Brown
2.4	717.6			Rocks
3.7	716.3			Shale Brown
9.4	710.6			Shale Gray
10.1	709.9			Sandstone Light Gray
29.0	691.1			Shale Green
43.6	676.4			Shale Green
50.6	669.4			Siltstone Light Gray
54.3	665.8			Sandstone Light Gray
54.9	665.1			Sandstone Medium Grained Gray
56.7	663.3			Siltstone Gray
60.4	659.7			Siltstone Green
66.4	653.6			Sandstone Hard Gray
67.1	653.0			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-052-05 W5M**

Well Number **06868**

Well Owner: **Shearer, Ken**

Elevation (AMSL) (m): **720**

AEP: **401242**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **23,938.33**

Date Started: **26 Sep 94**

Northing: **5,929,453.00**

Date Completed: **30 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **39.6** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05** Intake (m): **57.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **42.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	713.9	Shale Gray
9.1	710.9	Shale & Coal
12.2	707.8	Shale Hard Gray
18.3	701.7	Shale & Coal Gray
22.6	697.5	Shale Gray
25.9	694.1	Shale Brownish Gray
31.1	688.9	Shale & Coal Brown
35.7	684.3	Shale & Sandstone Hard Gray
52.4	667.6	Sandstone Gray
57.9	662.1	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 36-052-05 W5M**

Well Number **06869**

Well Owner: **Pierce, Jim**

Elevation (AMSL) (m): **722**

AEP: **369287**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **26,985.10**

Date Started: **27 Apr 93**

Northing: **5,928,936.50**

Date Completed: **28 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.0** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **35.7** to **37.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **58.8**  
 Perforated How: **Machine**  
 from (m): **46.6** to **58.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 5s4513p** Intake (m): **42.7**

**Testing:**

Rate (lpm): **18.2** Time (minute): **360.0**  
 Level End (m): **38.1** Drawdown (m): **24.1**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	716.2			Clay
17.7	704.3			Shale Green
19.8	702.2			Shale Sandy
23.2	698.8			Shale Soft
29.3	692.7			Shale Shattered
32.6	689.4			Shale Hard
36.3	685.7			Shale Hard Gray
38.7	683.3			Siltstone
50.0	672.0			Sandstone
51.2	670.8			Sandstone Hard
57.3	664.7			Sandstone
58.2	663.8			Shale
58.5	663.5			Coal
60.0	662.0			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-052-06 W5M**

Well Number **06870**

Well Owner: **Nahorniak, Don/Marilyn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **831**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356898**  
 Easting: **17,166.10**  
 Northing: **5,921,612.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **38.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

16-06-052-06 W5M

Well Number 06871

Well Owner: **Poco Petroleum Ltd**

Elevation (AMSL) (m): **802**

AEP: **356008**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,042.33**

Date Started: **21 Feb 91**

Northing: **5,921,614.46**

Date Completed: **21 Feb 91**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **20.7** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment: **Unknown** **05 Mar 91**

**Casing:**

Type: **Steel**  
 Depth (m): **8.2** Bottom (m): **8.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **8.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Gould** Intake (m): **13.7**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **9.1**  
 Rec'd intake (m): **13.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	800.3	Clay
2.7	799.4	Organic Matter
7.3	794.8	Clay Sandy Gray
11.0	791.1	Shale Green
13.4	788.7	Shale Sandy
17.7	784.4	Sand See Comments Gray
20.7	781.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-06-052-06 W5M

Well Number 06872

Well Owner: **Poco Petroleum Ltd**

Elevation (AMSL) (m): **802**

AEP: **356007**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,040.32**

Date Started: **22 Feb 91**

Northing: **5,921,572.00**

Date Completed: **22 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **32.9** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **9.8** Bottom (m): **9.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **9.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **19.8**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **10.7**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.1	799.9	Clay
2.7	799.3	Organic Matter
7.6	794.4	Sand & Clay Stringers Gray
12.5	789.5	Shale Green
17.7	784.3	Sand See Comments Gray
24.1	777.9	Shale Soft Gray
26.2	775.8	Shale Green
28.7	773.4	Sand See Comments Gray
32.9	769.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 07-052-06 W5M**

Well Number **06873**

Well Owner: **Sun Gro/ Fisons Horticulture**

Elevation (AMSL) (m): **814**

AEP: **357803**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,081.14**

Date Started: **15 Jan 96**

Northing: **5,923,311.50**

Date Completed: **15 Jan 96**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): Bottom (m):  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.1** Bottom (m): **45.7**  
 Perforated How: **Machine**  
 from (m): **15.2** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gunfos 40t03** Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **8.2**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **228.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	795.7	Old Well
22.6	791.4	Sand & Sandstone Gray
33.5	780.5	Shale Gray
34.4	779.6	Sandstone Fine Grained Gray
42.1	771.9	Shale Green
43.3	770.7	Sand Fine Grained Gray
45.7	768.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-09-052-06 W5M

Well Number 06874

Well Owner: **Arc Th#57-74**

Elevation (AMSL) (m): **816**

AEP: **368726**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **12,305.98**

Date Started:

Northing: **5,923,227.43**

Date Completed: **13 Aug 74**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **150.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
9.1	806.9	Clay Brown
16.8	799.3	Sandstone Carbonaceous Brown
18.3	797.8	Shale Laminated Green
33.5	782.5	Shale Silty Greenish Gray
39.6	776.4	Sandstone Fine Grained Light G
45.7	770.3	Shale Lacustrine Gray
50.3	765.8	Siltstone Fine Grained
54.9	761.2	Shale Gray
56.4	759.7	Shale Silty Green
57.9	758.2	Shale Gray
61.0	755.1	Sandstone Hard Gray
62.5	753.6	Sandstone Carbonaceous Gray
64.0	752.1	Shale Greenish Gray
65.5	750.5	Shale Brownish Gray
67.1	749.0	Shale Carbonaceous Brownish Gr
71.6	744.4	Shale Dark Green
73.2	742.9	Siltstone Green
76.2	739.9	Shale Carbonaceous Brownish Gr
85.3	730.7	Sandstone Light Gray
86.9	729.2	Sandstone Argillaceous Light G
94.5	721.6	Sandstone Medium Grained Light
100.6	715.5	Shale Greenish Gray
105.2	710.9	Shale Green
112.8	703.3	Shale Greenish Gray
114.3	701.8	Shale Carbonaceous Black
117.3	698.7	Sandstone Gray Salt & Pepper
118.9	697.2	Shale & Sandstone Greenish Gr
121.9	694.2	Siltstone Carbonaceous Greenis
125.0	691.1	Shale & Sandstone Greenish Gr
126.5	689.6	Sandstone & Coal Gray Salt &
129.5	686.5	Shale Greenish Gray
131.1	685.0	Shale Gray
138.7	677.4	Coal
140.2	675.9	Shale & Coal Dark Gray
143.3	672.8	Shale & Coal Carbonaceous Brow
146.3	666.7	Coal
149.3	666.7	Shale Green
150.9	665.2	Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 10-052-06 W5M**

Well Number **06875**

Well Owner: **Pioneer Lodge**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **811**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361702**  
 Easting: **12,487.95**  
 Northing: **5,922,455.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-052-06 W5M**

Well Number **06876**

Well Owner: **Brydges, Grant**

Elevation (AMSL) (m): **831**

AEP: **394174**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **17,218.43**

Date Started: **09 Aug 76**

Northing: **5,922,382.00**

Date Completed: **14 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.4**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **44.2**  
 Perforated How: **Torch**  
 from (m): **27.4** to **44.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **220.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.1	828.3		Gravel
12.2	819.1		Sand
13.1	818.2		Sandstone
15.2	816.1		Coal
19.5	811.8		Shale Yellow
21.9	809.4		Shale Green
22.9	808.5		Shale Gray
24.4	806.9		Shale Blue
27.4	803.9		Shale Green
38.1	793.2		Sand
39.0	792.3		Sandstone
39.6	791.7		Shale Green
44.2	787.1		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 14-052-06 W5M**

Well Number **06877**

Well Owner: **Western Shelter Products**

Elevation (AMSL) (m): **820**

AEP: **395884**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **14,469.78**

Date Started: **01 Jan 79**

Northing: **5,924,882.50**

Date Completed: **01 Jan 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **68.6** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **35.0**

**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **68.6**  
 Perforated How: **Torch**  
 from (m): **38.1** to **63.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): Drawdown (m): **16.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	818.1	Clay
4.9	814.7	Clay Sandy
5.2	814.4	Sandstone Hard
7.9	811.7	Clay Sandy
10.4	809.2	Shale Black
12.5	807.1	Shale Yellow
13.1	806.5	Sandstone Hard
29.0	790.6	Shale Gray
30.2	789.4	Sandstone
38.1	781.5	Shale
41.8	777.8	Shale Fractured
46.3	773.3	Shale
46.9	772.7	Coal
57.9	761.7	Shale
61.9	757.7	Sandstone
62.5	757.1	Shale
62.8	756.8	Coal
68.6	751.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 14-052-06 W5M**

Well Number **06878**

Well Owner: **Kent, Larry**

Elevation (AMSL) (m): **811**

AEP: **351049**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **15,659.15**

Date Started: **07 Nov 89**

Northing: **5,923,726.50**

Date Completed: **07 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.8** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **39.0** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **39.6**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.4	800.3	Clay Brown
12.5	798.2	Shale Brown
15.2	795.5	Shale Sandy Brown
18.6	792.1	Sand Brown
19.2	791.5	Sandstone Gray
24.1	786.6	Sand Coarse Grained Gray
25.6	785.1	Shale Gray
28.4	782.3	Sand Gray
32.0	778.7	Shale Green
32.9	777.8	Sandstone Fine Grained Gray
40.8	769.9	Shale Gray
43.0	767.7	Shale Sandy Gray
47.2	763.5	Shale Gray
47.9	762.8	Sand
48.5	762.2	Sandstone Fractured Gray
50.6	760.1	Sand Gray
51.2	759.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 15-052-06 W5M**

Well Number **06879**

Well Owner: **White, Ken**

Elevation (AMSL) (m): **829**

AEP: **365832**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **12,500.40**

Date Started: **20 Aug 92**

Northing: **5,924,575.50**

Date Completed: **20 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **63.4** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.7** Bottom (m): **63.4**  
 Perforated How: **Machine**  
 from (m): **54.3** to **63.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **12.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.8	823.5	Clay Brown
12.5	816.8	Clay Sandy Gray
14.6	814.7	Shale Gray
16.1	813.1	Shale Green
17.1	812.2	Sandstone Gray
18.9	810.4	Shale Sandy Gray
20.4	808.9	Sand & Sandstone Brown
21.3	808.0	Shale Gray
28.0	801.2	Sand & Shale Fractured
31.7	797.6	Shale Gray
32.0	797.3	Sand Gray
36.9	792.4	Shale Gray
38.4	790.9	Sand & Sandstone Gray
39.3	790.0	Shale Sandy Gray
39.9	789.4	Shale Bentonitic Light Gray
41.5	787.8	Shale Green
43.9	785.4	Shale Gray
45.1	784.2	Sand Gray
49.4	779.9	Shale Gray
52.1	777.2	Shale & Sandstone Ledges Fine
55.8	773.5	Shale Gray
62.5	766.8	Sand & Sandstone Gray
63.4	765.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

08-16-052-06 W5M

Well Number 06880

Well Owner: **Somedon Oil**

Elevation (AMSL) (m): **833**

AEP: **354829**

Licence No.:

Easting: **12,316.44**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **16 Nov 90**

Northing: **5,924,026.42**

Date Completed: **16 Nov 90**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth: **75.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cement** **16 Nov 90**

**Casing:**

Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	829.2	Clay Brown
7.3	826.1	Sand Brown
8.2	825.2	Sand See Comments Brown
11.6	821.9	Shale Gray
18.6	814.8	Shale Soft Gray
25.3	808.1	Shale Soft Gray
27.1	806.3	Shale Sandy Gray
28.7	804.8	See Comments
30.8	802.7	Sand Brown
38.4	795.0	Shale Gray
43.6	789.9	Shale Green
45.4	788.0	Sandstone Fine Grained Gray
49.7	783.8	Shale Gray
52.1	781.3	Sand Gray
68.3	765.2	Shale Gray
68.9	764.6	Sand Gray
69.5	763.9	Sandstone Fractured
75.6	757.8	Sand See Comments Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 16-052-06 W5M**

Well Number **06881**

Well Owner: **Meier, Gary**

Elevation (AMSL) (m): **834**

AEP: **376550**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,501.58**

Date Started: **28 May 93**

Northing: **5,924,111.00**

Date Completed: **28 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **40.8** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **11.0** Bottom (m): **11.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.4** Bottom (m): **40.8**  
 Perforated How: **Machine**  
 from (m): **34.8** to **40.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 7g05** Intake (m): **35.0**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **35.0** Drawdown (m): **7.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	830.4	Clay Sandy Brown
5.5	828.5	Clay Sandy Gray
5.8	828.2	Shale Bentonitic Light Brown
7.9	826.1	Shale Brown
9.4	824.6	Shale Gray
10.4	823.7	Sand & Shale
15.5	818.5	Shale Gray
18.9	815.1	Sand Gray
25.3	808.7	Shale Gray
27.1	806.9	Sandstone & Shale Ledges
33.2	800.8	Shale Green
34.8	799.3	Sand Sandy Gray
38.4	795.6	Shale Gray
40.5	793.5	Sand Gray
40.8	793.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**16-18-052-06 W5M**

Well Number **06882**

Well Owner: **Badger Drlg**

Elevation (AMSL) (m): **824**

AEP: **355562**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,040.90**

Date Started: **30 Mar 89**

Northing: **5,924,848.31**

Date Completed: **30 Mar 89**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **26.8** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment: **Unknown** **09 Apr 89**

**Casing:**  
 Type: **Steel**  
 Depth (m): **15.5** Bottom (m): **15.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **15.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **22.9**

**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **3.1**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	821.7	Clay
5.5	818.0	See Comments
9.4	814.1	Clay Silty
14.0	809.5	Clay
14.9	808.6	Shale Green
15.5	808.0	Sand Green
15.9	807.7	Sandstone Gray
19.5	804.0	Sand Brown
24.1	799.5	Sand See Comments Brownish Gra
26.8	796.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-18-052-06 W5M

Well Number 06883

Well Owner: **Lacona**

Elevation (AMSL) (m): **814**

AEP: **355561**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **8,227.89**

Date Started: **13 Jul 88**

Northing: **5,924,033.84**

Date Completed: **13 Jul 88**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **61.0** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment: **Unknown** **26 Jul 88**

**Casing:**

Type: **Steel**  
 Depth (m): **6.1** Bottom (m): **6.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **30.5**  
 Rec'd intake (m): **37.2** Rec'd Rate (lpm): **114.0**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	809.2	Clay
12.5	801.3	Sandstone
18.9	794.9	Shale
33.2	780.6	Sandstone
36.9	776.9	Shale
48.8	765.0	Sandstone
61.0	752.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 24-052-06 W5M**

Well Number **06884**

Well Owner: **Siwiski, Gordon**

Elevation (AMSL) (m): **813**

AEP: **364121**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,215.81**

Date Started: **12 Mar 92**

Northing: **5,926,583.50**

Date Completed: **13 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **50.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **21.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **17.4** Bottom (m): **49.4**  
 Perforated How: **Machine**  
 from (m): **17.4** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	812.4			Clay Yellow
3.1	810.0			Clay Hard Blue
7.0	806.0			Clay Yellow
7.3	805.7			Shale Dark Gray
13.7	799.3			Clay Yellow
22.6	790.5			Shale Green
23.8	789.3			Shale Brittle
28.0	785.0			Shale Sandy Gray
31.1	781.9			Shale Gray
45.7	767.3			Shale Green
50.3	762.7			Shale Brittle

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 24-052-06 W5M**

Well Number **06885**

Well Owner: **Wilson, Paul/Warman L**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **813**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364146**  
 Easting: **17,215.81**  
 Northing: **5,926,583.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 26-052-06 W5M**

Well Number **06886**

Well Owner: **Siwiski, Henry**

Elevation (AMSL) (m): **766**

AEP: **351050**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **15,346.08**

Date Started:

Northing: **5,927,882.00**

Date Completed: **23 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **61.0** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **30.5** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **600.0**  
 Level End (m): **26.2** Drawdown (m): **8.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	763.5	Clay Yellow
5.2	761.1	Sand Brown
5.5	760.8	Sand
11.3	755.0	Clay
15.2	751.0	Shale Blue
21.6	744.6	Shale Gray
28.7	737.6	Sandstone Gray
32.9	733.3	Sandstone Gray
34.1	732.1	Sandstone Gray
37.2	729.1	Sandstone Gray
42.7	723.6	Shale & Sandstone Gray
50.0	716.3	Shale Gray
52.1	714.1	Sandstone Gray
55.8	710.5	Shale Gray
61.0	705.3	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-052-06 W5M**

Well Number **06887**

Well Owner: **Siwiski, Dennis**

Elevation (AMSL) (m): **763**

AEP: **443315**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **15,348.61**

Date Started: **20 Feb 78**

Northing: **5,927,068.00**

Date Completed: **27 Feb 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **54.9**  
 Perforated How: **Torch**  
 from (m): **29.0** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Sd-5-33** Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	762.4	Sand & Gravel
7.6	755.4	Sand Yellow
12.2	750.8	Clay Blue
16.8	746.2	Shale Green
21.3	741.7	Shale Yellow
24.4	738.6	Shale Sandy Yellow
27.4	735.6	Shale Sandy
32.0	731.0	Shale Yellow
39.6	723.4	Shale Blue
44.2	718.8	Sandstone Yellow
48.8	714.2	Shale Blue
54.9	708.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-27-052-06 W5M

Well Number 06888

Well Owner: **Paragon Petro Corp#Rig Supply**

Elevation (AMSL) (m): **828**

AEP: **400493**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **13,401.82**

Date Started: **23 May 94**

Northing: **5,927,892.50**

Date Completed: **23 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **57.9** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment: **Unknown** **03 Jun 94**

**Casing:**

Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **24.4** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gunfos 40t03** Intake (m): **30.5**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **13.4**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	824.4	Sand Brown
7.9	820.1	Clay Gray
9.8	818.3	Sand Brown
10.4	817.7	Sandstone Fractured Brown
12.5	815.6	Sand Brown
18.6	809.5	Shale Brown
23.5	804.6	Shale Green
27.1	800.9	Sand & Sandstone Gray
57.9	770.1	Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

06-28-052-06 W5M

Well Number 06889

Well Owner: **Ladd Exploration**

Elevation (AMSL) (m): **807**

AEP: **350783**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,479.80**

Date Started: **14 Apr 90**

Northing: **5,927,274.50**

Date Completed: **14 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **44.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment: **26 Apr 90**

**Casing:**

Type: **Steel**  
 Depth (m): **8.2** Bottom (m): **8.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **8.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **12.2** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **39.6**

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **24.4**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	803.8	Clay Sandy Brown
4.9	802.6	Clay Gray
7.6	799.8	Clay Sandy Gray
8.8	798.6	Shale Brown
10.4	797.1	Sand Brown
14.0	793.4	Shale Gray
19.5	787.9	Shale Sandy Gray
21.0	786.4	Shale & Coal Gray
26.5	780.9	Shale Green
36.3	771.2	Sand Gray
38.7	768.7	Shale Gray
39.3	768.1	Coal
41.5	766.0	Sand Gray
44.8	762.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

11-30-052-06 W5M

Well Number 06890

Well Owner: **Morgan Hydrocarbon'S Inc**

Elevation (AMSL) (m): **793**

AEP: **352444**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,262.29**

Date Started: **01 Oct 90**

Northing: **5,928,031.50**

Date Completed: **01 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **48.8** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.3** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **45.7**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **18.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	789.4	Clay Sandy Brown
6.7	786.4	Clay & Rocks Gray
7.9	785.2	Shale Brown
12.5	780.6	Sand Brown
14.0	779.1	Sand & Coal
16.5	776.6	Shale Gray
19.2	773.9	Shale Green
24.1	769.0	Sandstone Gray
30.8	762.3	Shale Gray
31.7	761.4	Sand Gray
37.8	755.3	Shale Green
40.2	752.8	Sandstone Gray
43.9	749.2	Shale Gray
46.3	746.7	Sand & Shale
48.8	744.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-30-052-06 W5M

Well Number 06891

Well Owner: **Morgan Hydrocarbons Sp# 256**

Elevation (AMSL) (m): **805**

AEP: **367183**

Licence No.:

Easting: **9,038.91**

Drilling Contractor: *Unknown Driller*

Date Started: **17 Aug 92**

Northing: **5,928,082.48**

Date Completed: **21 Aug 92**

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**                      **25 Aug 92**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-31-052-06 W5M

Well Number 06892

Well Owner: **Atcor Ltd #201**

Elevation (AMSL) (m): **767**

AEP: **363114**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.89**

Date Started:

Northing: **5,929,691.74**

Date Completed: **25 Mar 90**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Not Applicable**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Cement**                      **26 Mar 90**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                                      Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                                      Drawdown (m):  
 Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



16-31-052-06 W5M

Well Number 06893

Well Owner: **Morgan Hydrocarbons Sp# 141**

Elevation (AMSL) (m): **767**

AEP: **363808**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.89**

Date Started: **16 Aug 92**

Northing: **5,929,691.74**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

16-31-052-06 W5M

Well Number 06894

Well Owner: **Morgan Hydrocarbons Sp# 146**

Elevation (AMSL) (m): **767**

AEP: **363710**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.89**

Date Started: **18 Aug 92**

Northing: **5,929,691.74**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-31-052-06 W5M

Well Number 06895

Well Owner: **Morgan Hydrocarbons Sp# 146**

Elevation (AMSL) (m): **767**

AEP: **364950**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.89**

Date Started: **16 Aug 92**

Northing: **5,929,691.74**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

15-31-052-06 W5M

Well Number 06896

Well Owner: **Morgan Hydrocarbons Sp# 161**

Elevation (AMSL) (m): **769**

AEP: **363744**

Licence No.:

Easting: **8,643.16**

Drilling Contractor: *Unknown Driller*

Date Started: **18 Aug 92**

Northing: **5,929,702.82**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**                      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

01-31-052-06 W5M

Well Number 06897

Well Owner: **Morgan Hydrocarbons Sp# 165**

Elevation (AMSL) (m): **780**

AEP: **367184**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,038.71**

Date Started: **17 Aug 92**

Northing: **5,928,486.83**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

09-31-052-06 W5M

Well Number 06898

Well Owner: **Morgan Hydrocarbons Sp# 166**

Elevation (AMSL) (m): **773**

AEP: **362204**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,026.28**

Date Started: **16 Aug 92**

Northing: **5,929,278.54**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

01-31-052-06 W5M

Well Number 06899

Well Owner: **Morgan Hydrocarbons Sp# 166**

Elevation (AMSL) (m): **780**

AEP: **367185**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,038.71**

Date Started: **17 Aug 92**

Northing: **5,928,486.83**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

09-31-052-06 W5M

Well Number 06900

Well Owner: **Morgan Hydrocarbons Sp# 181**

Elevation (AMSL) (m): **773**

AEP: **364960**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,026.28**

Date Started: **16 Aug 92**

Northing: **5,929,278.54**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



08-31-052-06 W5M

Well Number 06901

Well Owner: **Morgan Hydrocarbons Sp# 186**

Elevation (AMSL) (m): **767**

AEP: **367189**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,049.65**

Date Started: **16 Aug 92**

Northing: **5,928,876.42**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth: **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

14-31-052-06 W5M

Well Number 06902

Well Owner: **Morgan Hydrocarbons Sp# 196**

Elevation (AMSL) (m): **786**

AEP: **361356**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **8,236.06**

Date Started: **18 Aug 92**

Northing: **5,929,679.08**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
Drilling Method: **Unknown**  
Well Use: **Industrial**  
Completed Depth **18.0** (m)  
NPWL (m):                      Verified NPWL (m):  
Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
Depth (m):                      Bottom (m):  
OD (mm):                      Thickness (mm):  
Seal Type:  
from (m):                      to

**Liner:**

Type:  
OD (mm):                      Thickness (mm):  
Top (m):                      Bottom (m):  
Perforated How:  
from (m):                      to                      Size:  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Screen:**

Material:  
OD (mm):  
from (m):                      to                      Size:  
from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
Level End (m):                                      Drawdown (m):  
Rec'd intake (m):                                      Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

02-31-052-06 W5M

Well Number 06903

Well Owner: **Morgan Hydrocarbons Sp# 196**

Elevation (AMSL) (m): **778**

AEP: **367187**

Licence No.:

Easting: **8,620.97**

Drilling Contractor: *Unknown Driller*

Date Started: **18 Aug 92**

Northing: **5,928,498.56**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**                      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-31-052-06 W5M

Well Number 06904

Well Owner: **Morgan Hydrocarbons Sp# 196**

Elevation (AMSL) (m): **767**

AEP: **367190**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,049.65**

Date Started: **16 Aug 92**

Northing: **5,928,876.42**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-31-052-06 W5M

Well Number 06905

Well Owner: **Morgan Hydrocarbons Sp# 199**

Elevation (AMSL) (m): **767**

AEP: **367188**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,049.65**

Date Started: **16 Aug 92**

Northing: **5,928,876.42**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

01-31-052-06 W5M

Well Number 06906

Well Owner: **Morgan Hydrocarbons Sp# 216**

Elevation (AMSL) (m): **780**

AEP: **367186**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,038.71**

Date Started: **17 Aug 92**

Northing: **5,928,486.83**

Date Completed: **21 Aug 92**

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**                      **25 Aug 92**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-31-052-06 W5M

Well Number 06907

Well Owner: **Morgan Hydrocarbons Sp# 231**

Elevation (AMSL) (m): **780**

AEP: **361810**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,818.32**

Date Started: **18 Aug 92**

Northing: **5,929,690.81**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-31-052-06 W5M

Well Number 06908

Well Owner: **Morgan Hydrocarbons Sp# 235**

Elevation (AMSL) (m): **780**

AEP: **361349**

Licence No.:

Easting: **7,818.32**

Drilling Contractor: *Unknown Driller*

Date Started: **18 Aug 92**

Northing: **5,929,690.81**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



04-32-052-06 W5M

Well Number 06909

Well Owner: **Signalta Res #Rig Well**

Elevation (AMSL) (m): **798**

AEP: **404483**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **9,456.48**

Date Started: **22 Jul 94**

Northing: **5,928,653.00**

Date Completed: **22 Jul 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **42.7** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Tait** Intake (m): **42.7**

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **182.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
13.7	784.5	Clay & Rocks
15.2	782.9	Sandstone Brown
18.3	779.9	Shale Blue
26.2	772.0	Sandstone Brown
28.4	769.8	Shale Blue
29.3	768.9	Sandstone Gray
33.5	764.7	Shale Blue
39.6	758.6	Shale Gray
42.4	755.8	Sandstone White
42.7	755.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

05-35-052-06 W5M

Well Number 06910

Well Owner: **Atcor Ltd #90-li 125a**

Elevation (AMSL) (m): **776**

AEP: **363362**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **14,339.63**

Date Started:

Northing: **5,928,902.81**

Date Completed: **01 Mar 91**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Not Applicable**  
 Well Use: **Industrial**  
 Completed Depth **46.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Plugged 01 Mar 91**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

46.0 730.3 Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

05-35-052-06 W5M

Well Number 06911

Well Owner: **Atcor Ltd #90-li 125b**

Elevation (AMSL) (m): **776**

AEP: **363363**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **14,339.63**

Date Started:

Northing: **5,928,902.81**

Date Completed: **01 Mar 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **46.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 01 Mar 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

Lithologic Description

46.0 730.3 Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 35-052-06 W5M**

Well Number **06912**

Well Owner: **Shumborski, Don/Melvin**

Elevation (AMSL) (m): **767**

AEP: **357242**

Drilling Contractor: *Cal & Norm'S Drilling*

Licence No.:

Easting: **15,340.50**

Date Started: **05 Oct 78**

Northing: **5,929,495.50**

Date Completed: **05 Oct 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **23.8** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	761.8			Clay Blue
8.2	758.4			Bentonite
9.1	757.5			Coal
9.8	756.9			Shale Green
11.6	755.1			Shale Gray
23.2	743.5			Shale Sandy
23.8	742.9			Sandstone Blue
33.2	733.4			Shale Sandy
33.8	732.8			Coal
34.8	731.9			Sandstone Blue
36.6	730.1			Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 35-052-06 W5M**

Well Number **06913**

Well Owner: **Shumborski, W.**

Elevation (AMSL) (m): **767**

AEP: **359955**

Drilling Contractor: *Cal & Norm'S Drilling*

Licence No.:

Easting: **15,340.50**

Date Started: **06 Oct 78**

Northing: **5,929,495.50**

Date Completed: **06 Oct 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **17.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **16.8** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	765.1			Clay Blue
6.7	759.9			Sandstone Brown
11.3	755.4			Shale Sandy
12.5	754.1			Sand & Rocks Blue
17.7	749.0			Shale Sandy
18.6	748.1			Sand & Rocks Blue
19.5	747.1			Shale Sandy
19.8	746.8			Coal
21.0	745.6			Shale Sandy
26.8	739.8			Shale Gray
29.0	737.7			Shale Sandy
35.7	731.0			Shale Gray
36.6	730.1			Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

15-36-052-06 W5M

Well Number 06914

Well Owner: **Morgan Hydrocarbons Sp# 286**

Elevation (AMSL) (m): **736**

AEP: **364943**

Licence No.:

Easting: **16,775.47**

Drilling Contractor: *Unknown Driller*

Date Started: **19 Aug 92**

Northing: **5,929,709.16**

Date Completed: **20 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 36-052-06 W5M**

Well Number **06915**

Well Owner: **Transalta Util./Yakimovich, H**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **734**                      AEP: **362764**  
 Licence No.:    Easting: **16,966.45**  
 Date Started: **31 Dec 91**                      Northing: **5,929,497.00**  
 Date Completed: **02 Jan 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.5** (m)  
 NPWL (m): **17.1**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **16.5**                      Bottom (m): **16.5**  
 OD (mm): **152.4**                      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):                      to **16.5**  
**Liner:**  
 Type:  
 OD (mm): **127.0**                      Thickness (mm): **0.1**  
 Top (m): **13.4**                      Bottom (m): **50.6**  
 Perforated How: **Saw**  
 from (m): **13.4**                      to **50.6**                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **420.0**  
 Level End (m): **18.3**                      Drawdown (m): **1.2**  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	725.9	Clay Yellow
10.1	724.4	Sandstone
12.2	722.2	Clay Yellow
16.5	718.0	Shale Sandy Gray
29.6	704.9	Sandstone
36.6	697.9	Coal
39.6	694.8	Shale Brittle Gray
42.7	691.8	Coal
51.5	682.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 02-052-07 W5M**

Well Number **06916**

Well Owner: **Freeman, J**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **838**  
 Licence No.:  
 Date Started:  
 Date Completed: **02 Aug 90**  
 AEP: **353629**  
 Easting: **4,771.34**  
 Northing: **5,920,601.95**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **32.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NE 03-052-07 W5M**

Well Number **06917**

Well Owner: **Kos, Artie**

Elevation (AMSL) (m): **854**

AEP: **369342**

Drilling Contractor: *Access Waterwells Inc.*

Licence No.:

Easting: **4,253.82**

Date Started: **10 Mar 93**

Northing: **5,921,617.50**

Date Completed: **10 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **0.9**  
**Liner:**  
 Type:  
 OD (mm): **123.7** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **33.5**  
 Perforated How: **Saw**  
 from (m): **24.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **33.5**  
 Rec'd intake (m): **29.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	850.4	Clay Sandy
4.9	849.2	Sandstone
11.6	842.5	Sand
12.5	841.6	Sandstone
18.3	835.8	Sand
19.5	834.6	Sandstone
26.2	827.9	Sand
27.4	826.7	Sandstone
33.5	820.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-052-07 W5M**

Well Number **06918**

Well Owner: **Milner, T.**

Elevation (AMSL) (m): **846**

AEP: **406044**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **3,454.95**

Date Started: **01 Apr 95**

Northing: **5,920,539.50**

Date Completed: **01 Apr 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **17.1**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **24.4**  
 Perforated How: **Machine**  
 from (m): **18.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g05** Intake (m): **19.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **4.3**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	842.0			Clay Sandy Brown
4.3	841.7			Sandstone Brown
4.9	841.1			Sand Brown
6.4	839.5			Clay Sandy Brown
10.4	835.6			Shale Brown
13.1	832.8			Shale Gray
16.5	829.5			Sand & Shale Brownish Gray
20.1	825.8			Shale Gray
21.0	824.9			Shale Sandy Gray
21.9	824.0			Sandstone Fine Grained Gray
24.4	821.6			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 04-052-07 W5M**

Well Number **06919**

Well Owner: **Morrill, Chester**

Elevation (AMSL) (m): **811**

AEP: **400387**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **1,402.43**

Date Started: **04 Jun 93**

Northing: **5,921,138.50**

Date Completed: **04 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.4** (m)  
 NPWL (m): **31.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.0** Bottom (m): **45.4**  
 Perforated How: **Machine**  
 from (m): **36.3** to **45.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **7.9**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	808.8	Clay Sandy Brown
2.7	808.2	Shale Sandy Brown
6.4	804.6	Shale Brown
12.8	798.2	Shale Gray
18.9	792.1	Shale Sandy Gray
21.0	789.9	Sandstone Gray
28.4	782.6	Sand Coarse Grained Gray
30.8	780.2	Shale Gray
31.7	779.3	Shale Sandy Gray
33.5	777.4	Shale Gray
34.8	776.2	Shale Green
36.0	775.0	Shale Gray
40.2	770.7	Sand Fine Grained Gray
45.4	765.6	Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-052-07 W5M**

Well Number **06920**

Well Owner: **Woloszyn, Allan**

Elevation (AMSL) (m): **819**

AEP: **350784**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,711.27**

Date Started: **01 Mar 90**

Northing: **5,923,255.00**

Date Completed: **02 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **35.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.1** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **40.8** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **44.2**

**Testing:**

Rate (lpm): **159.6** Time (minute): **120.0**  
 Level End (m): **41.8** Drawdown (m): **6.1**  
 Rec'd intake (m): **45.1** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	0.9	818.1		Clay
	5.2	813.9		Clay Silty Brown
	11.9	807.2		Clay
	24.4	794.7		Clay Gray
	28.7	790.4		Shale Brown
	33.2	785.8		Shale Sandy Gray
	38.7	780.3		Shale Gray
	39.3	779.7		Sandstone Fine Grained Gray
	41.5	777.6		Shale Gray
	43.3	775.8		Sand Fine Grained Gray
	47.9	771.2		Sand Gray
	48.2	770.9		Shale Bentonitic Light Brown
	48.8	770.3		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-052-07 W5M**

Well Number **06921**

Well Owner: **Zimmerman, Bob**

Elevation (AMSL) (m): **826**

AEP: **362833**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,509.07**

Date Started: **16 Dec 91**

Northing: **5,923,281.50**

Date Completed: **16 Dec 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **69.5** (m)  
 NPWL (m): **44.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.1** Bottom (m): **69.5**  
 Perforated How: **Machine**  
 from (m): **57.9** to **69.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds 5g05412** Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **10.4**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **45.6**

<b>Depth</b>	<b>Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
3.7	822.0		Clay Sandy Brown
7.3	818.4		Clay Sandy Gray
12.5	813.2		Sand & Sandstone Brown
32.6	793.1		Lost Circulation
36.3	789.4		Shale Gray
39.0	786.7		Sand Gray
43.9	781.8		Shale Green
49.7	776.0		Shale & Sandstone Ledges Gray
53.6	772.0		Shale Gray
62.8	762.9		Shale Sandy Gray
67.7	758.0		Sand & Sandstone Gray
69.5	756.2		Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-052-07 W5M**

Well Number **06922**

Well Owner: **Zimmerman, Bob**

Elevation (AMSL) (m): **826**

AEP: **367204**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,509.07**

Date Started: **12 Feb 92**

Northing: **5,923,281.50**

Date Completed: **13 Feb 92**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **103.0** (m)  
 NPWL (m): **53.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.8** Bottom (m): **71.3**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds 5g05412** Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **19.5**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
74.4	751.3	Shale Gray
77.1	748.6	Sandstone Gray
78.6	747.0	Shale Green
80.2	745.5	Sandstone Gray
87.2	738.5	Shale Gray
88.1	737.6	Sandstone Gray
90.2	735.5	Shale Gray
92.1	733.6	Sand & Sandstone Gray
96.3	729.4	Shale Gray
97.2	728.4	Sand Fine Grained Gray
99.7	726.0	Shale Gray
101.8	723.9	Sand & Sandstone Gray
103.0	722.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 11-052-07 W5M**

Well Number **06923**

Well Owner: **Zimmerman, Bob**

Elevation (AMSL) (m): **826**

AEP: **365598**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,509.07**

Date Started: **09 Apr 92**

Northing: **5,923,281.50**

Date Completed: **10 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **131.1** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.8** Bottom (m): **73.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **73.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.6** Bottom (m): **119.5**  
 Perforated How: **Machine**  
 from (m): **76.2** to **118.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds 5eh07** Intake (m): **103.6**

**Testing:**

Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **103.6** Drawdown (m): **42.7**  
 Rec'd intake (m): **106.7** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	818.4			Clay Sandy Brown
12.8	812.9			Sand & Sandstone Brown
73.8	751.9			Lost Circulation
75.0	750.7			Shale Gray
76.5	749.2			Sandstone Gray
79.2	746.4			Shale Gray
80.5	745.2			Sandstone Gray
89.6	736.1			Shale Gray
93.0	732.7			Sand & Sandstone Gray
96.6	729.1			Shale Gray
98.1	727.5			Shale Sandy Gray
100.9	724.8			Shale Gray
102.7	723.0			Sand & Sandstone Gray
107.9	717.8			Shale Gray
110.9	714.7			Sand Gray
111.9	713.8			Shale Gray
119.2	706.5			Sand Fine Grained Gray
125.0	700.7			Sand & Shale Gray
128.6	697.1			Sand & Coal
131.1	694.6			Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 11-052-07 W5M**

Well Number **06924**

Well Owner: **Town, Mr. & Mrs Ken**

Elevation (AMSL) (m): **853**

AEP: **353177**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **4,422.67**

Date Started: **07 Nov 90**

Northing: **5,922,440.00**

Date Completed: **09 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **38.1** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **38.1**  
 Perforated How: **Torch**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	840.5	Clay Sandy
14.0	838.7	Shale Soft
14.9	837.8	Sandstone
17.7	835.1	Sandstone Brown
21.3	831.4	Shale Green
24.4	828.4	Sandstone
32.3	820.4	Sandstone
33.5	819.2	Shale & Coal Gray
35.0	817.7	Shale Gray
38.1	814.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



07-12-052-07 W5M

Well Number 06925

Well Owner: **Poco Petroleum Ltd**

Elevation (AMSL) (m): **810**

AEP: **356010**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **6,799.20**

Date Started: **11 Mar 91**

Northing: **5,922,743.50**

Date Completed: **11 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **26.5** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **11.3** Bottom (m): **11.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **24.4**  
 Perforated How: **Machine**  
 from (m): **18.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **18.3**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **182.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.8	800.3	Clay Sandy Gray
10.7	799.3	Sand Brown
13.4	796.6	Shale Green
14.3	795.7	Shale Sandy Gray
20.1	789.9	Shale Bentonitic Gray
23.8	786.2	Sand Fine Grained Gray
26.5	783.5	Sand See Comments Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

07-12-052-07 W5M

Well Number 06926

Well Owner: **Poco Petroleum Ltd**

Elevation (AMSL) (m): **814**

AEP: **356009**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **7,007.89**

Date Started: **11 Mar 91**

Northing: **5,922,419.17**

Date Completed: **11 Mar 91**

**General:**

Type of Work: **Old Well-Abandoned**

Drilling Method: **Rotary**

Well Use: **Industrial**

Completed Depth **29.6** (m)

NPWL (m): **14.6** Verified NPWL (m):

Abandonment: **Unknown** **22 Mar 91**

**Casing:**

Type: **Steel**

Depth (m): **12.5** Bottom (m): **12.5**

OD (mm): **139.7** Thickness (mm): **0.1**

Seal Type: **Driven**  
from (m): to **12.5**

**Liner:**

Type:

OD (mm): **114.3** Thickness (mm): **0.1**

Top (m): Bottom (m): **24.4**

Perforated How: **Machine**

from (m): **18.3** to **24.4** Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **21.3**

**Testing:**

Rate (lpm): **319.3** Time (minute): **120.0**

Level End (m): **21.3** Drawdown (m): **6.7**

Rec'd intake (m): **21.3** Rec'd Rate (lpm): **273.6**

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

10.7 803.8 Clay Sandy Gray

11.3 803.2 Sand Brown

14.0 800.4 Shale Green

19.5 794.9 Shale Bentonitic Gray

25.3 789.1 Sand Fine Grained Gray

29.6 784.9 Sand See Comments Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

14-13-052-07 W5M

Well Number 06927

Well Owner: **Lacona**

Elevation (AMSL) (m): **805**

AEP: **355582**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **6,613.16**

Date Started: **28 Feb 88**

Northing: **5,924,836.85**

Date Completed: **28 Feb 88**

**General:**

Type of Work: **Old Well-Abandoned**  
Drilling Method: **Rotary**  
Well Use: **Industrial**  
Completed Depth **18.3** (m)  
NPWL (m): **3.1** Verified NPWL (m):  
Abandonment: **Unknown** **28 Mar 88**

**Casing:**

Type: **Steel**  
Depth (m): **11.6** Bottom (m): **11.6**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **11.6**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
Level End (m): **12.2** Drawdown (m): **9.1**  
Rec'd intake (m): **12.8** Rec'd Rate (lpm): **228.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.4	794.5	Clay
15.9	789.0	Sandstone
18.3	786.6	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

08-13-052-07 W5M

Well Number 06928

Well Owner: **Lacona**

Elevation (AMSL) (m): **813**

AEP: **355563**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **7,426.03**

Date Started: **13 Jul 88**

Northing: **5,924,022.23**

Date Completed: **13 Jul 88**

**General:**

Type of Work: **Old Well-Abandoned**

Drilling Method: **Rotary**

Well Use: **Industrial**

Completed Depth **21.3** (m)

NPWL (m): **3.1** Verified NPWL (m):

Abandonment: **Unknown** **08 Aug 88**

**Casing:**

Type: **Steel**

Depth (m): **9.1** Bottom (m): **9.1**

OD (mm): **139.7** Thickness (mm): **0.1**

Seal Type: **Driven**  
from (m): to **9.1**

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **182.4** Time (minute): **120.0**

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm): **159.6**

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

0.9	812.1	Fill
3.4	809.7	See Comments
8.5	804.5	Clay
11.3	801.7	Shale
21.0	792.0	Sandstone
21.3	791.7	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 13-052-07 W5M**

Well Number **06929**

Well Owner: **Cam Moss Farms**

Elevation (AMSL) (m): **803**

AEP: **401243**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **6,820.52**

Date Started: **14 Feb 95**

Northing: **5,924,927.50**

Date Completed: **14 Feb 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **44.2**  
 Perforated How: **Machine**  
 from (m): **35.0** to **44.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **13.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	3.7	799.3		Clay Brown
	10.4	792.6		Clay Sandy Gray
	11.0	792.0		Sand Loose Gray
	13.4	789.6		Sand & Sandstone Gray
	15.9	787.2		Shale Gray
	17.1	785.9		Shale Green
	23.8	779.2		Sand & Sandstone Gray
	25.6	777.4		Shale Hard Green
	29.3	773.7		Shale Gray
	31.7	771.3		Sand & Shale Gray
	35.4	767.6		Shale & Coal Gray
	36.9	766.1		Shale & Sandstone Ledges Gray
	42.7	760.3		Sand & Sandstone Gray
	44.2	758.8		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-16-052-07 W5M

Well Number 06930

Well Owner: **Alta Env #1331e**

Elevation (AMSL) (m): **790**

AEP: **401615**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,124.70**

Date Started:

Northing: **5,924,704.00**

Date Completed: **18 Oct 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	785.2	Clay & Sand Lacustrine Brownis
11.3	778.8	Clay & Coal Sandy Dark Gray
16.5	773.6	Till & Clay Sandy Dark Gray
19.8	770.3	Siltstone Hard Gray
29.0	761.1	Shale & Siltstone Hard Light G

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-21-052-07 W5M

Well Number **06931**

Well Owner: **Alta Env #1334e**

Elevation (AMSL) (m): **783**

AEP: **401616**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,471.01**

Date Started:

Northing: **5,926,494.00**

Date Completed: **19 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	781.5	Clay Lacustrine Brownish Yello
8.5	774.5	Silt Pebbly Brown
10.7	772.3	Shale & Siltstone Hard Light G
15.2	767.8	Shale & Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-052-07 W5M**

Well Number **06932**

Well Owner: **Woeoszyn, Chris**  
 Drilling Contractor: *W&G Water Wells Ltd*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started: **18 Jul 78**  
 Date Completed: **19 Jul 78**  
 AEP: **353740**  
 Easting: **2,568.53**  
 Northing: **5,926,755.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **60.4** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **273.6** Time (minute): **160.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
31.1	740.3	Clay	
32.3	739.1	Gravel	
35.4	736.0	Sand	
36.6	734.8	Sandstone	
52.4	719.0	Shale	
53.0	718.4	Sandstone	
57.0	714.4	Shale	
60.4	711.0	Sandstone	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 21-052-07 W5M**

Well Number **06933**

Well Owner: **Woeoszyn, Chris**

Elevation (AMSL) (m): **771**

AEP: **353741**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,568.53**

Date Started: **25 Jun 90**

Northing: **5,926,755.00**

Date Completed: **25 Jun 90**

**General:**  
 Type of Work: **Reconditioned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **63.4** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **6.7** Bottom (m): **61.6**  
 Perforated How: **Machine**  
 from (m): **43.3** to **61.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 61.0 710.4 See Comments  
 63.4 708.0 Sand See Comments Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 22-052-07 W5M**

Well Number **06934**

Well Owner: **Keith, Jim**

Elevation (AMSL) (m): **800**

AEP: **366875**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,783.19**

Date Started: **23 Oct 92**

Northing: **5,925,610.50**

Date Completed: **23 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **44.2** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **11.6** Bottom (m): **11.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.4** Bottom (m): **44.2**  
 Perforated How: **Machine**  
 from (m): **35.0** to **44.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 10g07412** Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **16.5**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **54.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.1	797.5	Clay Brown
6.4	793.2	Clay Sandy Gray
6.7	792.9	Sandstone Brown
8.8	790.8	Shale Fractured Gray
10.4	789.3	Shale Sandy Gray
11.6	788.1	Sand Gray
12.2	787.4	Shale Dark Gray
14.9	784.7	Shale Green
17.4	782.3	Shale Gray
18.6	781.0	Shale & Coal
19.5	780.1	Shale Bentonitic Gray
21.6	778.0	Shale Sandy Gray
31.4	768.2	Shale Gray
33.2	766.4	Sand Gray
36.9	762.8	Shale Gray
42.4	757.3	Sand & Sandstone Gray
44.2	755.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-052-07 W5M**

Well Number **06935**

Well Owner: **Brooks, Allyn**

Elevation (AMSL) (m): **792**

AEP: **406710**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,868.03**

Date Started: **19 Jun 95**

Northing: **5,926,350.00**

Date Completed: **19 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.2** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **12.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **7.3** Bottom (m): **30.2**  
 Perforated How: **Machine**  
 from (m): **20.4** to **30.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	787.6			Clay Sandy Brown
9.8	782.1			Sand Loose Brown
12.5	779.4			Clay Gray
13.1	778.8			Shale Green
19.8	772.1			Sand Gray
20.4	771.5			Sandstone Gray
23.2	768.7			Sand Gray
25.6	766.3			Shale Gray
27.7	764.2			Sand & Shale
30.2	761.7			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-052-07 W5M**

Well Number **06936**

Well Owner: **Mason, Deane**

Elevation (AMSL) (m): **798**

AEP: **350785**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **5,673.32**

Date Started: **15 May 90**

Northing: **5,926,944.00**

Date Completed: **16 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **10.7** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **9.1**

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **3.7** Drawdown (m):  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	795.4			Clay Brown
5.5	792.3			Clay Gray
7.9	789.9			Sandstone
8.2	789.6			Siltstone
10.7	787.2			Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-052-07 W5M**

Well Number **06937**

Well Owner: **Wowk, Ed**

Elevation (AMSL) (m): **780**

AEP: **416255**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,033.13**

Date Started: **26 Jul 95**

Northing: **5,926,990.50**

Date Completed: **26 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **36.6**  
 Perforated How: **Machine**  
 from (m): **31.1** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **6.4**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **68.4**

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
6.1	773.8	Clay Sandy Brown
7.0	772.9	Shale Sandy Gray
8.5	771.3	Shale Green
15.9	764.0	Shale Sandy Brown
19.2	760.7	Shale Gray
20.1	759.7	Sand Gray
20.7	759.1	Shale Bentonitic
21.9	757.9	Shale Green
22.6	757.3	Sandstone Gray
26.5	753.3	Shale Sandy Gray
26.8	753.0	Shale Gray
28.4	751.5	Shale Sandy Gray
31.1	748.8	Shale Gray
35.7	744.2	Sand & Sandstone Gray
36.6	743.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-28-052-07 W5M

Well Number 06938

Well Owner: **Arc Th#56-74**

Elevation (AMSL) (m): **772**

AEP: **368732**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **2,527.60**

Date Started:

Northing: **5,926,872.97**

Date Completed: **14 Aug 74**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Other**  
 Completed Depth: **143.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
7.6	764.2	Clay Brownish Yellow
27.4	744.4	Clay Gray
32.0	739.8	Gravel Sandy
35.0	736.7	Siltstone Greenish Gray
38.1	733.7	Siltstone Gray
48.8	723.0	Shale & Gravel Sandy Greenish
54.9	716.9	Shale & Coal Calcareous Green
61.0	710.8	Sandstone Gray Salt & Pepper
62.5	709.3	Sandstone Medium Grained Light
65.5	706.3	Sandstone Hard Light Gray
73.2	698.6	Sandstone Light Gray
74.7	697.1	Sandstone Consolidated Light G
76.2	695.6	Shale & Sandstone Carbonaceous
77.7	694.1	Sandstone & Coal Medium Graine
82.3	689.5	Sandstone Medium Grained Light
91.4	680.3	Coal
93.0	678.8	Sandstone & Coal Silty
125.0	646.8	Sandstone Medium Grained Gray
134.1	637.7	Sandstone Medium Grained Light
135.6	636.2	Shale & Sandstone Greenish Gr
137.2	634.6	Shale & Sandstone Carbonaceous
140.2	631.6	Sand & Shale Carbonaceous Gree
143.3	628.5	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 34-052-07 W5M**

Well Number **06941**

Well Owner: **Middleton, Terry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356899**  
 Easting: **3,765.06**  
 Northing: **5,929,943.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 34-052-07 W5M**

Well Number **06942**

Well Owner: **Middleton, Terry**

Elevation (AMSL) (m): **771**

AEP: **376551**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,825.72**

Date Started: **12 Jul 93**

Northing: **5,929,753.50**

Date Completed: **12 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **45.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **56.4**  
 Perforated How: **Machine**  
 from (m): **51.8** to **56.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds 7g05412** Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **8.5**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.4	761.6	Clay Sandy Brown
19.5	751.6	Silt Gray
31.4	739.7	Sand Brown
39.9	731.1	Clay & Boulders Gray
45.1	726.0	Shale Gray
46.6	724.4	Shale Green
47.2	723.8	Coal
51.2	719.9	Shale Gray
57.9	713.2	Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 34-052-07 W5M**

Well Number **06943**

Well Owner: **Rutten, Len**

Elevation (AMSL) (m): **771**

AEP: **351051**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **2,825.72**

Date Started: **30 Nov 89**

Northing: **5,929,753.50**

Date Completed: **30 Nov 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.9** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **40.5** Bottom (m): **40.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **40.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.7** Bottom (m): **50.9**  
 Perforated How: **Machine**  
 from (m): **44.8** to **50.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.2	762.8			Clay Soft
13.4	757.7			Silt Brown
22.6	748.5			Silt Gray
32.3	738.8			Clay Silty Gray
35.7	735.4			Clay
39.6	731.4			Gravel
41.5	729.6			Shale Green
43.6	727.5			Shale Gray
46.9	724.1			Shale Sandy Gray
49.4	721.7			Sand Gray
50.9	720.2			Sand Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 35-052-07 W5M**

Well Number **06944**

Well Owner: **Brightwood Youth Ranch Assoc**

Elevation (AMSL) (m): **770**

AEP: **415966**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **4,490.99**

Date Started: **06 Mar 84**

Northing: **5,929,867.00**

Date Completed: **09 Mar 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **27.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **27.7** Bottom (m): **55.2**  
 Perforated How: **Torch**  
 from (m): **27.7** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	765.4	Clay Yellow
10.1	759.9	Gravel
12.2	757.8	Clay Yellow
13.7	756.3	Clay Blue
16.8	753.2	Shale Gray
19.2	750.8	Shale Brittle Gray
23.5	746.5	Clay & Shale Green
24.7	745.3	Lost Circulation
27.7	742.2	Shale Green
32.0	738.0	Shale Sandy Gray
37.8	732.2	Shale Brittle Gray
45.7	724.3	Lost Circulation
52.1	717.9	Shale Sandy Gray
56.1	713.9	Sandstone

Laboratory:		<b>18 May 84</b>
pH (pH unit)	<b>8.20</b>	COD Mercury
Cond. (µS/cm)	<b>917.0</b>	SAR Nickel
TDS	<b>584.0</b>	TKN Selenium
Sodium	<b>131.10</b>	Nitrate Strontium
Potassium	<b>2.35</b>	Nitrite Molybdenum
Calcium	<b>43.09</b>	TN Vanadium
Magnesium	<b>22.98</b>	TC Zinc
Carbonate		DIC Hydroxide
Bicarbonate	<b>391.07</b>	Arsenic Total Hardness <b>202.00</b>
Aluminum		Barium Manganese
Sulphate	<b>191.16</b>	Beryllium Phosphate
Chloride		Cadium Ion Balance <b>0.94</b>
Fluoride	<b>0.13</b>	Chromium Amm. Nitrogen
Iron	<b>0.41</b>	Cobalt Total Phosphate
TOC		Copper Total Alkalinity <b>321.0</b>
Silica	<b>10.50</b>	Lead Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-052-07 W5M**

Well Number **06945**

Well Owner: **Brightwood Youth Ranch Assoc**

Elevation (AMSL) (m): **770**

AEP: **415968**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,490.99**

Date Started: **12 Sep 95**

Northing: **5,929,867.00**

Date Completed: **12 Sep 95**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **57.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.7** Bottom (m): **70.1**  
 Perforated How: **Machine**  
 from (m): **58.5** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

54.9 715.1 *Old Well*  
 59.1 710.9 *Shale Sandy Gray*  
 66.1 703.8 *Sand & Sandstone Gray*  
 70.1 699.9 *Shale Gray*

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 35-052-07 W5M**

Well Number **06946**

Well Owner: **Spuehler, Theodore**

Elevation (AMSL) (m): **772**

AEP: **365123**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,420.45**

Date Started: **30 Mar 92**

Northing: **5,928,974.00**

Date Completed: **30 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **32.9** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **32.9**  
 Perforated How: **Machine**  
 from (m): **26.8** to **32.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **8.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **73.0**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	771.1	Clay Brown
7.0	765.3	Shale Brown
9.1	763.2	Clay
13.1	759.2	Sand Brown
14.0	758.3	Shale Brown
21.0	751.3	Sand & Shale Brown
22.6	749.8	Shale Sandy Gray
23.8	748.5	Shale Gray
24.7	747.6	Sand Gray
29.6	742.8	Shale Gray
31.7	740.6	Sand & Sandstone Gray
32.9	739.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

08-36-052-07 W5M

Well Number 06947

Well Owner: Actor Ltd #345b

Elevation (AMSL) (m): 783

AEP: 363115

Drilling Contractor: Unknown Driller

Licence No.:

Easting: 7,423.41

Date Started:

Northing: 5,928,876.85

Date Completed: 11 Mar 91

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth (m):

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 11 Mar 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-36-052-07 W5M

Well Number 06948

Well Owner: **Atcor Ltd #377a**

Elevation (AMSL) (m): **762**

AEP: **363364**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **6,599.60**

Date Started:

Northing: **5,928,889.30**

Date Completed: **01 Mar 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **46.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 03 Apr 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m) Lithologic Description

46.0 716.0 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-36-052-07 W5M

Well Number 06949

Well Owner: **Atcor Ltd #377b**

Elevation (AMSL) (m): **762**

AEP: **363365**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **6,599.60**

Date Started:

Northing: **5,928,889.30**

Date Completed: **01 Mar 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **46.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 01 Mar 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

46.0 716.0 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

06-36-052-07 W5M

Well Number 06950

Well Owner: **Atcor Ltd #380a**

Elevation (AMSL) (m): **762**

AEP: **363116**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **6,599.60**

Date Started:

Northing: **5,928,889.30**

Date Completed: **11 Mar 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **46.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 11 Mar 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

46.0 716.0 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



16-36-052-07 W5M

Well Number 06951

Well Owner: **Atcor Ltd #90-li 357a**

Elevation (AMSL) (m): **755**

AEP: **363117**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.85**

Date Started:

Northing: **5,929,691.04**

Date Completed: **10 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth: **14.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 10 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

14.0 741.3 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-36-052-07 W5M

Well Number 06952

Well Owner: **Atcor Ltd #90-li 358a**

Elevation (AMSL) (m): **755**

AEP: **363118**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.85**

Date Started:

Northing: **5,929,691.04**

Date Completed: **10 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **14.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 10 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

14.0 741.3 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-36-052-07 W5M

Well Number 06953

Well Owner: **Atcor Ltd #90-li 358b**

Elevation (AMSL) (m): **755**

AEP: **363119**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.85**

Date Started:

Northing: **5,929,691.04**

Date Completed: **10 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **14.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 10 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

14.0 741.3 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

16-36-052-07 W5M

Well Number 06954

Well Owner: **Atcor Ltd #90-li 359a**

Elevation (AMSL) (m): **755**

AEP: **363120**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.85**

Date Started:

Northing: **5,929,691.04**

Date Completed: **10 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth **14.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 10 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

14.0 741.3 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-36-052-07 W5M

Well Number 06955

Well Owner: **Atcor Ltd #90-li 359b**

Elevation (AMSL) (m): **755**

AEP: **363121**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.85**

Date Started:

Northing: **5,929,691.04**

Date Completed: **10 Jun 91**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Not Applicable**

Well Use: **Industrial**

Completed Depth: **14.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 10 Jun 91**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

14.0 741.3 Clay & Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 36-052-07 W5M**

Well Number **06956**

Well Owner: **Maddock, Francis**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **773**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443549**  
 Easting: **6,396.53**  
 Northing: **5,928,689.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **25.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **11 Jun 59**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>842.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>30.00</b>
Aluminum	Barium	Manganese
Sulphate <b>87.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.60</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>610.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

01-01-053-01 W5M

Well Number 07199

Well Owner: **Alta Env #1291e**

Elevation (AMSL) (m): **701**

AEP: **369015**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **65,885.95**

Date Started:

Northing: **5,930,826.50**

Date Completed: **22 Sep 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	691.2	Clay Lacustrine
24.4	676.9	Sand Soft
29.0	672.3	Sand Lacustrine
32.0	669.3	Sand & Coal Soft
33.5	667.7	Coal
38.1	663.2	Gravel Medium Grained
42.7	658.6	Gravel Medium Grained
50.6	650.7	Gravel Coarse Grained
61.0	640.3	Siltstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

08-01-053-01 W5M

Well Number 07200

Well Owner: **Alta Env #1294e**

Elevation (AMSL) (m): **703**

AEP: **369014**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **65,898.49**

Date Started:

Northing: **5,931,159.50**

Date Completed: **24 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	699.8	Silt Weathered
12.2	690.6	Silt & Coal
25.6	677.2	Sand Carbonaceous Gray
41.2	661.7	Sand Carbonaceous Gray
44.2	658.6	Gravel Carbonaceous
45.7	657.1	Gravel
48.5	654.4	Coal
49.1	653.8	Coal
50.3	652.5	Siltstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 02-053-01 W5M**

Well Number **07201**

Well Owner: **Adam, John**

Elevation (AMSL) (m): **716**

AEP: **366914**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,253.63**

Date Started:

Northing: **5,931,785.50**

Date Completed: **05 Feb 72**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **10.4**

**Liner:**

Type:  
 OD (mm): **92.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **73.2**  
 Perforated How:  
 from (m): to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **630.0**  
 Level End (m): **18.3** Drawdown (m):  
 Rec'd intake (m): **69.5** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	710.5			Clay Yellow
15.2	700.8			Clay Sandy
29.0	687.1			Sand
45.7	670.3			Clay Blue
48.8	667.2			Sand
53.0	663.0			Clay Blue
54.9	661.2			Stones
58.5	657.5			Shale Light Gray
59.7	656.3			Shale Dark Gray
61.3	654.8			Shale Green
62.2	653.8			Shale Gray
65.5	650.5			Shale Sandy Gray
65.8	650.2			Coal
69.8	646.2			Sand & Shale Fine Grained Gray
73.2	642.9			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 02-053-01 W5M**

Well Number **07202**

Well Owner: **Hinkel, Allen**

Elevation (AMSL) (m): **716**

AEP: **364903**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,253.63**

Date Started: **05 Jun 92**

Northing: **5,931,785.50**

Date Completed: **08 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **67.1** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **50.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **26.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5	710.5	Clay Sandy Yellow
13.1	702.9	Clay Blue
20.7	695.3	Sand
25.0	691.0	Clay Blue
26.5	689.5	Sand
29.9	686.1	Clay Blue
41.8	674.3	Shale Green
44.5	671.5	Sandstone
46.0	670.0	Coal
48.2	667.9	Sandstone
55.8	660.2	Shale Gray
56.7	659.3	Sandstone
57.6	658.4	Sandstone & Coal
60.0	656.0	Shale Gray
60.7	655.4	Sandstone & Coal
63.4	652.6	Shale Gray
65.2	650.8	Sandstone
67.1	649.0	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 02-053-01 W5M**

Well Number **07203**

Well Owner: **Rolling Acres Farm C/O Adams, B**

Elevation (AMSL) (m): **716**

AEP: **366915**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,253.63**

Date Started: **04 Nov 92**

Northing: **5,931,785.50**

Date Completed: **05 Nov 92**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **101.5** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): **64.0** Bottom (m): **100.6**  
 Perforated How:  
 from (m): **64.0** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **56.4** Drawdown (m): **39.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

74.4	641.6	Shale	Dark Gray
75.3	640.7	Coal	
75.9	640.1	Shale	Brown
76.2	639.8	Shale	Sandy Gray
77.4	638.6	Shale	Gray
79.8	636.2	Shale	Sandy Gray
80.5	635.6	Shale	Gray
82.3	633.7	Shale	Green
83.8	632.2	Shale	Brown
84.7	631.3	Shale	Sandy Gray
86.0	630.1	Shale	Brown
86.6	629.5	Shale	Sandy Gray
88.7	627.3	Shale	Gray
90.2	625.8	Shale	Brown
91.7	624.3	Shale	Green
94.5	621.5	Shale	Sandy Gray
95.7	620.3	Shale	Gray
98.1	617.9	Shale	Sandy Gray
101.5	614.5	Shale	Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 02-053-01 W5M**

Well Number **07204**

Well Owner: **Goertz, Roy**

Elevation (AMSL) (m): **711**

AEP: **357883**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,364.50**

Date Started: **14 Feb 91**

Northing: **5,930,732.00**

Date Completed: **19 Feb 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **60.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.0** Bottom (m): **91.7**  
 Perforated How: **Machine**  
 from (m): **57.0** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	698.5	Clay Silty Yellow
23.8	686.9	Clay Silty Blue
30.5	680.2	Shale Gray
31.7	678.9	Shale Green
42.7	668.0	Shale Sandy Gray
57.3	653.3	Shale Gray
59.4	651.2	Shale & Coal Brown
61.9	648.8	Shale Gray
68.6	642.1	Shale Sandy Gray
71.6	639.0	Shale & Coal Brown
73.2	637.5	Shale Gray
76.2	634.4	Shale Sandy Gray
83.8	626.8	Shale Gray
85.3	625.3	Shale Sandy Gray
92.7	618.0	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 02-053-01 W5M**

Well Number **07205**

Well Owner: **Melanson, Marcel**

Elevation (AMSL) (m): **726**

AEP: **365789**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,452.88**

Date Started: **11 Jun 92**

Northing: **5,930,631.50**

Date Completed: **11 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **91.4**  
 Perforated How: **Other**  
 from (m): **76.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **42.7** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.1	709.4	Clay Yellow
29.3	696.2	Clay Blue
46.0	679.5	Sand
50.9	674.6	Clay Blue
53.0	672.5	Shale Brown
58.8	666.7	Sandstone
63.4	662.1	Shale Green
80.5	645.0	Shale Gray
82.6	642.9	Sandstone
85.0	640.5	Shale Gray
87.8	637.7	Sandstone
89.0	636.5	Shale & Coal Brown
91.4	634.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-05-053-01 W5M

Well Number 07206

Well Owner: Fuhr, Stewart

Elevation (AMSL) (m): 752

AEP: 366584

Drilling Contractor: D&D Water Well Drilling & Services

Licence No.:

Easting: 58,189.95

Date Started: 22 Sep 92

Northing: 5,930,615.50

Date Completed: 23 Sep 92

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **79.8** (m)  
NPWL (m): **21.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **62.2** Bottom (m): **62.2**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): to **62.2**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **61.0** Bottom (m): **79.8**  
Perforated How: **Saw**  
from (m): **67.1** to **79.2** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
Level End (m): **39.6** Drawdown (m): **18.3**  
Rec'd intake (m): **42.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	746.4			Clay Sandy Yellow
31.4	720.2			Sand Silty
41.5	710.1			Sand
53.0	698.6			Clay Sandy Blue
55.5	696.1			Sandstone
63.4	688.2			Shale Green
64.3	687.3			Sandstone
71.3	680.3			Shale Green
77.1	674.5			Sandstone
79.8	671.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-053-01 W5M**

Well Number **07207**

Well Owner: **Roy, Rene & Peggy**

Elevation (AMSL) (m): **744**

AEP: **351291**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,229.79**

Date Started: **28 May 90**

Northing: **5,931,695.00**

Date Completed: **29 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.6** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **59.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.4** Bottom (m): **77.7**  
 Perforated How: **Machine**  
 from (m): **59.4** to **77.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	719.3	Clay Sandy Yellow
29.0	714.8	Clay Blue
32.0	711.7	Sand & Coal
33.5	710.2	Clay Blue
41.2	702.6	Sand & Coal
43.3	700.4	Clay Blue
46.3	697.4	Sand & Coal
54.9	688.9	Clay Blue
56.4	687.3	Clay Yellow
57.9	685.8	Shale Sandy Gray
62.2	681.5	Shale Green
65.5	678.2	Shale Sandy Gray
67.7	676.1	Shale Green
74.7	669.1	Shale Sandy Gray
78.6	665.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-053-01 W5M**

Well Number **07208**

Well Owner: **Atmospheric Env Service**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **758**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366040**  
 Easting: **59,169.43**  
 Northing: **5,930,830.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 05-053-01 W5M**

Well Number **07209**

Well Owner: **Forget Me Not Greenhouse**  
 Drilling Contractor: *D&D Water Well Drilling & Services*

Elevation (AMSL) (m): **758**      AEP: **418219**  
 Licence No.:      Easting: **59,169.43**  
 Date Started: **31 Jul 95**      Northing: **5,930,830.00**  
 Date Completed: **31 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): **14.0**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2**      Bottom (m): **47.2**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):      to **44.2**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **47.2**      to **48.8**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **48.8**  
**Testing:**  
 Rate (lpm):      Time (minute): **120.0**  
 Level End (m): **16.5**      Drawdown (m): **2.4**  
 Rec'd intake (m): **24.4**      Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	743.0	Sand Silty Yellow
15.9	741.7	Clay Sandy Yellow
19.5	738.1	Clay Blue
42.4	715.2	Sand
44.5	713.1	Clay Blue
49.1	708.5	Sand
52.7	704.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-053-01 W5M**

Well Number **07210**

Well Owner: **Franchuk, Barry**

Elevation (AMSL) (m): **749**

AEP: **355052**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **59,325.52**

Date Started: **18 Jan 88**

Northing: **5,930,758.50**

Date Completed: **23 Jan 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **91.4** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **25.1** Time (minute):  
 Level End (m): **45.7** Drawdown (m): **17.7**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
22.9	725.7	Clay Sandy
26.8	721.8	Sand
27.4	721.2	Clay Sandy
30.5	718.1	Clay & Gravel
38.1	710.5	Sand
39.0	709.6	Clay Sandy
43.3	705.3	Sand
47.6	701.0	Clay
54.9	693.7	Shale Brown
55.5	693.1	Coal
64.6	684.0	Shale
64.9	683.7	Sandstone Hard
65.8	682.8	Shale
66.4	682.1	Sandstone
75.3	673.3	Shale
78.6	670.0	Shale Sandy
81.7	666.9	Shale
85.3	663.2	Shale Sandy
88.1	660.5	Shale
90.8	657.8	Sandstone
91.4	657.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-01 W5M**

Well Number **07211**

Well Owner: **Leman, Victor**

Elevation (AMSL) (m): **768**

AEP: **394147**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **56,761.88**

Date Started: **01 Nov 74**

Northing: **5,931,673.50**

Date Completed: **06 Nov 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **104.2** (m)  
 NPWL (m): **70.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **87.8** Bottom (m): **87.8**  
 OD (mm): **116.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **87.8**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **85.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	762.6	Sand
19.2	748.9	Clay Sandy
19.8	748.3	Gravel
41.2	726.9	Clay Sandy
71.0	697.1	Quicksand
71.6	696.5	Sand & Coal
84.7	683.3	Shale Sandy Gray
94.5	673.6	Shale Green
94.8	673.3	Sandstone
104.2	663.8	Shale & Sandstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-01 W5M**

Well Number **07212**

Well Owner: **Nordenlund, Paul**

Elevation (AMSL) (m): **768**

AEP: **394144**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **56,761.88**

Date Started: **15 Oct 74**

Northing: **5,931,673.50**

Date Completed: **18 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **82.6** Bottom (m): **82.6**  
 OD (mm): **116.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **82.6**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **81.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	767.2	Sand
20.1	748.0	Clay Sandy
20.4	747.7	Coal
29.9	738.2	Sand
33.5	734.5	Clay Sandy
39.6	728.5	Clay
51.8	716.3	Sand
69.8	698.3	Clay Sandy
71.0	697.1	Sand & Coal
75.0	693.1	Clay
87.5	680.6	Shale & Rocks Gray
87.8	680.3	Sandstone
90.2	677.9	Shale
90.5	677.6	Sandstone
94.5	673.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-01 W5M**

Well Number **07213**

Well Owner: **Rainville, Paul**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **761**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364247**  
 Easting: **56,721.14**  
 Northing: **5,931,967.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **152.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 06-053-01 W5M**

Well Number **07214**

Well Owner: **Richard, Lawrence**

Elevation (AMSL) (m): **762**

AEP: **353493**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,479.19**

Date Started: **06 Nov 90**

Northing: **5,931,513.00**

Date Completed: **14 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **72.8** Bottom (m): **72.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **72.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **90.5**  
 Perforated How: **Machine**  
 from (m): **69.8** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
26.5	735.9	Clay Yellow
32.0	730.4	Clay Blue
39.6	722.8	Sand
63.4	699.0	Clay Blue
64.3	698.1	Clay & Rocks Blue
71.3	691.1	Clay Blue
71.9	690.5	Shale Green
72.8	689.6	Shale Gray
78.0	684.4	Shale Brittle Green
79.8	682.6	Shale Gray
83.2	679.2	Shale Green
86.3	676.2	Shale Sandy Gray
88.7	673.7	Shale Green
89.6	672.8	Shale Gray
90.2	672.2	Shale Sandy Gray
91.4	671.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-01 W5M**

Well Number **07215**

Well Owner: **Robinson, R**

Elevation (AMSL) (m): **777**

AEP: **364109**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,807.55**

Date Started: **16 Mar 92**

Northing: **5,931,349.00**

Date Completed: **18 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **49.4** to **50.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **51.8** to **53.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **25.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	771.2	Sand Brown
18.6	758.1	Sand & Coal Silty Gray
27.1	749.5	Sand Silty Gray
49.1	727.6	Sand Silty Gray
54.6	722.1	Sand Fine Grained Gray
54.9	721.8	Limestone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-053-01 W5M**

Well Number **07216**

Well Owner: **Berezan, AI**

Elevation (AMSL) (m): **759**

AEP: **366585**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,768.01**

Date Started: **23 Sep 92**

Northing: **5,931,124.00**

Date Completed: **24 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.6** Bottom (m): **57.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **57.6** to **59.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **56.4**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **33.5** Drawdown (m): **7.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.2	735.8	Clay Sandy Yellow
27.1	731.8	Sand Yellow
54.3	704.7	Clay Blue
59.7	699.2	Sand Gray
67.1	691.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 06-053-01 W5M**

Well Number **07217**

Well Owner: **Bigelow, Ken**

Elevation (AMSL) (m): **764**

AEP: **353723**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **57,780.56**

Date Started: **29 Aug 90**

Northing: **5,930,929.50**

Date Completed: **05 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **70.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **79.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **72.5**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **42.7**  
 Rec'd intake (m): **72.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	756.9	Clay Brown
41.2	722.4	Sand Silty Brown
55.5	708.1	Sand Silty Gray
65.8	697.8	Till See Comments Gray
68.6	695.0	Sandstone Light Gray
70.1	693.5	Shale Gray
70.7	692.9	Sandstone Light Gray
72.8	690.7	Shale Green
75.3	688.3	Shale
76.2	687.4	Sandstone Gray
77.1	686.5	Sandstone Light Gray
80.8	682.8	Shale Gray
81.7	681.9	Sandstone Gray
83.8	679.8	Shale Gray
84.7	678.9	Sandstone Gray
86.9	676.7	Shale Gray
87.5	676.1	Sandstone
89.6	674.0	Shale Gray
89.9	673.7	Sandstone
92.1	671.5	Shale Gray
96.6	667.0	Sandstone
97.5	666.1	Shale Gray
100.6	663.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-053-01 W5M**

Well Number **07218**

Well Owner: **Donald Brent & Pamela**

Elevation (AMSL) (m): **756**

AEP: **352216**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **57,621.21**

Date Started: **14 Sep 90**

Northing: **5,930,869.50**

Date Completed: **15 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.5** Bottom (m): **69.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **69.5**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **480.0**  
 Level End (m): **64.0** Drawdown (m): **36.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	744.9	Clay Sandy
19.2	737.3	Clay Sandy
19.5	737.0	Gravel
25.9	730.6	Clay Sandy
28.4	728.1	Silt Sandy
43.6	712.9	Silt Sandy
60.4	696.1	Sand
68.6	687.9	Silt Sandy
69.2	687.3	Shale Green
72.2	684.3	Sandstone Soft Gray
72.5	684.0	Shale Green
77.7	678.8	Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-053-01 W5M**

Well Number **07219**

Well Owner: **Gerrard, Carole**

Elevation (AMSL) (m): **752**

AEP: **352490**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **57,887.21**

Date Started: **29 Sep 90**

Northing: **5,930,645.00**

Date Completed: **30 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **37.8** Drawdown (m): **21.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	743.0	Clay
36.0	715.9	Clay Blue
39.6	712.2	Silt
59.4	692.4	Sand Clayey
65.5	686.3	Shale
65.8	686.0	Sandstone
68.3	683.5	Shale
69.8	682.0	Sandstone
70.1	681.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-053-01 W5M**

Well Number **07220**

Well Owner: **Hennessey, Dan**

Elevation (AMSL) (m): **762**

AEP: **368883**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,914.81**

Date Started: **24 Mar 93**

Northing: **5,931,001.00**

Date Completed: **25 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.8** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.7** Bottom (m): **67.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **67.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **65.8** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **68.3** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **65.5**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **47.2** Drawdown (m): **22.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	758.2			Sand Sandy Yellow
13.4	748.8			Clay Sandy Yellow
17.4	744.8			Sand
27.1	735.1			Clay Sandy Blue
32.9	729.3			Sand
51.5	710.7			Clay Sandy Blue
62.2	700.0			Sand
65.2	697.0			Sandstone Yellow
68.3	693.9			Shale Green
69.8	692.4			Sandstone
74.1	688.1			Shale Green
78.0	684.2			Sandstone
79.8	682.3			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 06-053-01 W5M**

Well Number **07221**

Well Owner: **Hinacker, Len**

Elevation (AMSL) (m): **747**

AEP: **418220**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,869.64**

Date Started: **29 Jul 95**

Northing: **5,930,588.50**

Date Completed: **29 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **71.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **93.6**  
 Perforated How: **Saw**  
 from (m): **79.2** to **91.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **93.6**

**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **57.6** Drawdown (m): **42.1**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.1	730.9	Clay Sandy Yellow
28.7	718.4	Clay Blue
45.1	702.0	Sand
61.9	685.2	Clay Blue
63.1	684.0	Sandstone Yellow
64.3	682.8	Shale Gray
68.0	679.1	Sandstone
78.6	668.5	Shale Green
79.8	667.2	Sandstone
81.7	665.4	Shale Green
90.8	656.3	Sandstone
93.6	653.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-053-01 W5M**

Well Number **07222**

Well Owner: **Ireland, Dave**

Elevation (AMSL) (m): **752**

AEP: **373914**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,911.05**

Date Started: **11 Aug 93**

Northing: **5,930,734.00**

Date Completed: **11 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **2.7** to **59.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **180.0**  
 Level End (m): **37.8** Drawdown (m): **18.0**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
25.6	726.5	Clay Silty Yellow
31.4	720.7	Sand
44.5	707.6	Clay Blue
52.1	700.0	Sand
54.6	697.5	Clay Blue
64.6	687.5	Shale Green
72.2	679.9	Sandstone
73.8	678.3	Shale Green
75.6	676.5	Shale Gray
76.2	675.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 06-053-01 W5M**

Well Number **07223**

Well Owner: **Jamison, Doug**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354514**  
 Easting: **57,621.21**  
 Northing: **5,930,869.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-053-01 W5M**

Well Number **07224**

Well Owner: **Taylor, Jim**

Elevation (AMSL) (m): **751**

AEP: **357689**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **57,470.65**

Date Started: **16 Jun 90**

Northing: **5,930,557.00**

Date Completed: **17 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): **62.2** to **62.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **73.2**  
 Perforated How: **Machine**  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	737.0	Sand Silty
18.3	732.5	Clay Yellow
19.2	731.5	Clay Brown
24.4	726.4	Sand & Rocks
27.4	723.3	Silt Gray
29.6	721.2	Clay Blue
35.0	715.7	Silt Blue
39.6	711.1	Clay Blue
49.7	701.1	Silt Blue
54.9	695.9	Sand & Gravel
58.8	691.9	Clay Blue
60.0	690.7	Sandstone
63.1	687.7	Shale Green
67.1	683.7	Sandstone Gray
68.6	682.2	Shale Gray
70.1	680.6	Shale Green
73.2	677.6	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 06-053-01 W5M**

Well Number **07225**

Well Owner: **Williams, George G**

Elevation (AMSL) (m): **756**

AEP: **352463**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **57,621.21**

Date Started: **12 Jul 90**

Northing: **5,930,869.50**

Date Completed: **13 Jul 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **38.1** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **33.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **33.2**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **20.4**  
 Rec'd intake (m): **33.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	753.1			Clay
33.2	723.3			Clay Sandy
38.1	718.4			Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 06-053-01 W5M**

Well Number **07226**

Well Owner: **Kivette, K.**

Elevation (AMSL) (m): **770**

AEP: **369450**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,610.82**

Date Started: **31 May 93**

Northing: **5,931,168.00**

Date Completed: **07 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **35.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **74.1** Bottom (m): **74.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **72.5** to **74.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **97.5**  
 Perforated How: **Saw**  
 from (m): **79.2** to **85.3** Size:  
 from (m): **88.4** to **94.5** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g07422** Intake (m): **68.6**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **68.6** Drawdown (m): **32.9**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	764.8	Clay Sandy Brown
5.8	763.9	Gravel Coarse Grained
20.4	749.2	Clay Brown
21.9	747.7	Sand & Coal
34.1	735.5	Clay Brown
40.8	728.8	Clay Gray
50.9	718.8	Sand & Coal
54.6	715.1	Clay Gray
58.8	710.8	Sand & Coal
71.0	698.6	Clay Gray
71.6	698.0	Sandstone
74.7	695.0	Shale Green
75.9	693.8	Shale Gray
78.0	691.6	Sandstone Gray
78.9	690.7	Shale Green
85.0	684.6	Shale & Sandstone Ledges
87.2	682.5	Shale Green
88.7	681.0	Shale Gray
93.9	675.8	Sandstone Gray
97.5	672.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-053-01 W5M**

Well Number **07227**

Well Owner: **Knight, Denise**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366443**  
 Easting: **56,910.26**  
 Northing: **5,930,507.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-053-01 W5M**

Well Number **07228**

Well Owner: **Mykvla, Ben**

Elevation (AMSL) (m): **764**

AEP: **360113**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,456.61**

Date Started: **18 Sep 91**

Northing: **5,931,202.50**

Date Completed: **20 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **78.6** Bottom (m): **78.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **78.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **77.4** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **79.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): **61.0** Drawdown (m): **25.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.3	735.0	Clay Sandy Yellow
50.9	713.3	Clay Sandy Blue
65.2	699.0	Sand
70.4	693.8	Clay Blue
74.4	689.9	Shale Brittle Gray
76.5	687.7	Sandstone
78.9	685.3	Shale Green
80.5	683.8	Sandstone
84.7	679.5	Shale Green
89.3	674.9	Shale Gray
95.7	668.5	Sandstone
97.5	666.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

05-07-053-01 W5M

Well Number 07229

Well Owner: **Elliott, J.L.**

Elevation (AMSL) (m): **772**

AEP: **418421**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **56,486.22**

Date Started:

Northing: **5,932,612.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **95.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>28 Jun 82</b>	
pH (pH unit)	<b>6.30</b>	COD	Mercury
Cond. (µS/cm)	<b>21.00</b>	SAR	Nickel
TDS	<b>15.00</b>	TKN	Selenium
Sodium	<b>2.99</b>	Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>6.71</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.05</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.16</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>6.00</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-01 W5M**

Well Number **07230**

Well Owner: **Gusikat, Hal**

Elevation (AMSL) (m): **762**

AEP: **357991**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,554.74**

Date Started: **15 Apr 91**

Northing: **5,933,158.50**

Date Completed: **22 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **83.8** Bottom (m): **83.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **83.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.8** Bottom (m): **105.2**  
 Perforated How: **Machine**  
 from (m): **96.0** to **105.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 18 Stage**

Model: Intake (m): **91.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **42.7**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	748.5			Silt Sandy
36.6	725.7			Clay Blue
41.2	721.1			Clay Silty
57.9	704.3			Sand Silty Blue
70.1	692.1			Clay Blue
72.5	689.7			Boulders
77.7	684.5			Clay Blue
79.2	683.0			Shale Brown
80.2	682.1			Shale Gray
84.7	677.5			Shale Green
85.3	676.9			Sandstone
90.2	672.0			Shale Gray
96.0	666.2			Shale Brown
99.1	663.2			Shale Green
100.6	661.6			Shale Gray
105.2	657.1			Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-053-01 W5M**

Well Number **07231**

Well Owner: **Mitchell, Gary**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **756**  
 Licence No.:  
 Date Started:  
 Date Completed: **06 May 93**  
 AEP: **369941**  
 Easting: **57,626.21**  
 Northing: **5,932,539.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): Bottom (m):  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-01 W5M**

Well Number **07232**

Well Owner: **Dot Weather Station**

Elevation (AMSL) (m): **772**

AEP: **394099**

Drilling Contractor: *Artesia Drlg*

Licence No.:

Easting: **56,676.60**

Date Started:

Northing: **5,932,640.50**

Date Completed: **05 Nov 65**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm): **1.2**  
 from (m): **54.3** to **56.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **960.0**  
 Level End (m): **28.0** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	767.2	Clay Sandy
5.2	766.9	Coal
20.1	752.0	Clay Sandy Yellow
20.4	751.7	Coal
33.5	738.6	Clay Soft Yellow
37.2	734.9	Clay Sandy Blue
38.7	733.4	Clay & Coal Pebbly
51.2	720.9	Clay Blue
55.8	716.3	Sand
57.6	714.5	Coal
59.1	713.0	Clay Yellow
63.7	708.4	Sand & Silt Fine Grained Blue
69.2	702.9	Clay Sandy Blue
79.2	692.9	Shale Bluish Green
83.8	688.3	Shale Blue
87.5	684.7	Shale Gray
91.4	680.7	Shale Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 07-053-01 W5M**

Well Number **07233**

Well Owner: **Krest, Brian**

Elevation (AMSL) (m): **772**

AEP: **380516**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **56,676.60**

Date Started: **14 Oct 92**

Northing: **5,932,640.50**

Date Completed: **15 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **115.8** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **70.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **73.2** to **74.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkley 7mg16** Intake (m): **70.1**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **70.1** Drawdown (m): **19.8**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
32.0	740.1	Clay Sandy Brown
39.6	732.5	Clay Blue
53.3	718.8	Sand Gray
61.9	710.3	Clay Blue
74.7	697.5	Sand Gray
79.2	692.9	Clay Blue
96.0	676.1	Sand Gray
97.5	674.6	Shale
99.4	672.8	Sandstone
111.3	660.9	Shale
112.5	659.7	Sandstone
115.8	656.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-01 W5M**

Well Number **07234**

Well Owner: **Ogle, D**

Elevation (AMSL) (m): **775**

AEP: **369451**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,518.57**

Date Started: **08 Jun 93**

Northing: **5,932,379.50**

Date Completed: **11 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **38.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **81.4** Bottom (m): **81.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **79.8** to **81.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **88.4** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g07422** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **34.8**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	773.1	Sand
9.4	765.5	Clay Brown
10.4	764.6	Gravel
14.3	760.6	Clay Brown
35.4	739.6	Clay Gray
40.2	734.7	Sand & Coal
47.9	727.1	Clay Gray
50.6	724.3	Sand Gray
63.1	711.8	Clay Gray
68.0	707.0	Sand Gray
76.8	698.1	Clay Gray
78.3	696.6	Shale Gray
79.8	695.1	Sandstone Gray
82.6	692.3	Shale Green
84.4	690.5	Sandstone Gray
85.0	689.9	Shale Green
88.7	686.2	Sandstone Gray
92.1	682.9	Shale Green
94.2	680.8	Sandstone Gray
95.7	679.2	Shale Green
96.3	678.6	Sandstone Gray
97.2	677.7	Shale Gray
101.8	673.1	Sandstone Gray
103.6	671.3	Shale Light Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

---08-053-01 W5M

Well Number 07235

Well Owner: **Kristel, Donald/Joann**

Elevation (AMSL) (m): **750**

AEP: **368857**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,740.71**

Date Started:

Northing: **5,932,862.00**

Date Completed:

**General:**

Type of Work: **Chemistry**  
Drilling Method: **Unknown**  
Well Use: **Domestic**  
Completed Depth **97.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**SE 08-053-01 W5M**

Well Number **07236**

Well Owner: **Burns, M.**

Elevation (AMSL) (m): **746**

AEP: **351406**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **59,464.33**

Date Started: **04 Jun 90**

Northing: **5,932,331.00**

Date Completed: **15 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **51.8** to **53.3** Size: **0.10**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **51.2**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **24.4**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
50.3	695.6	Sand	
51.2	694.7	Coal	
53.3	692.6	Sand	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 08-053-01 W5M**

Well Number **07237**

Well Owner: **Schimeck, Joe**

Elevation (AMSL) (m): **738**

AEP: **362765**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,201.46**

Date Started: **31 Oct 91**

Northing: **5,932,503.50**

Date Completed: **31 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.0** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **35.0** to **36.6** Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

21.3 716.8 Clay Silty Yellow  
 27.4 710.7 Clay Blue  
 37.5 700.6 Sand & Coal  
 39.0 699.1 Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 08-053-01 W5M**

Well Number **07238**

Well Owner: **Thomas, Bain**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356901**  
 Easting: **59,461.98**  
 Northing: **5,932,342.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 08-053-01 W5M**

Well Number **07239**

Well Owner: **Watson, Cheryl**

Elevation (AMSL) (m): **738**

AEP: **382455**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **59,201.46**

Date Started:

Northing: **5,932,503.50**

Date Completed: **15 Jun 94**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **46.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **46.6**                      Bottom (m): **46.6**  
 OD (mm): **114.3**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 08-053-01 W5M**

Well Number **07240**

Well Owner: **Backs, J.**

Elevation (AMSL) (m): **754**

AEP: **399316**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **58,430.37**

Date Started: **21 Oct 94**

Northing: **5,932,257.02**

Date Completed: **25 Oct 94**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment: **Bentonite Product 28 Oct 94**

**Casing:**

Type: **Plastic**  
 Depth (m): **69.5** Bottom (m): **69.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **66.1** to **69.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **91.4**  
 Perforated How: **Machine**  
 from (m): **82.3** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05** Intake (m): **61.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **34.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.1	752.2	Clay Sandy Brown
5.5	748.8	Sand
8.8	745.5	Clay Sandy Brown
11.6	742.7	Sand
25.3	729.0	Clay Brown
33.2	721.1	Sand
36.0	718.4	Clay Gray
44.8	709.5	Sand
55.2	699.1	Clay Gray
65.8	688.5	Sand Coarse Grained
68.0	686.3	Sandstone
71.9	682.4	Shale Green
74.1	680.3	Sandstone
76.5	677.8	Shale Green
78.9	675.4	Sandstone
83.5	670.8	Shale Gray
88.7	665.6	Sandstone
91.4	662.9	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SW 08-053-01 W5M**

Well Number **07241**

Well Owner: **Haskins, Peter**

Elevation (AMSL) (m): **760**

AEP: **367091**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **58,369.87**

Date Started: **29 Aug 83**

Northing: **5,932,535.00**

Date Completed: **30 Aug 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **11.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.0**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **53.3** Bottom (m): **59.4**  
 Perforated How: **Machine**  
 from (m): **53.3** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **59.4** Drawdown (m): **48.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.8	740.1	Clay Sandy
53.3	706.6	Clay
57.0	702.9	Sandstone
59.4	700.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-053-01 W5M**

Well Number **07242**

Well Owner: **Houston, Robert**

Elevation (AMSL) (m): **751**

AEP: **369739**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **58,582.20**

Date Started: **13 Jul 93**

Northing: **5,932,234.50**

Date Completed: **15 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.0** Bottom (m): **68.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **68.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **66.4** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **77.7** to **86.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **87.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **25.0**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	741.1	Sand Silty
26.2	725.3	Clay Sandy Yellow
29.6	721.9	Sand
37.5	714.0	Clay Sandy Blue
50.0	701.5	Sand
63.1	688.4	Clay Blue
80.2	671.3	Shale Green
82.9	668.6	Sandstone
84.4	667.1	Shale Green
86.3	665.2	Sandstone
87.8	663.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 08-053-01 W5M**

Well Number **07243**

Well Owner: **Sieben, Norm/Joey**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **755**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368858**  
 Easting: **58,556.82**  
 Northing: **5,932,767.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 08-053-01 W5M**

Well Number **07244**

Well Owner: **Therox, Richard**

Elevation (AMSL) (m): **754**

AEP: **369740**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,611.57**

Date Started: **23 Jul 93**

Northing: **5,932,289.50**

Date Completed: **24 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.3** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **70.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **68.9** Bottom (m): **86.3**  
 Perforated How: **Saw**  
 from (m): **73.2** to **86.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **56.4**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **22.6**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.9	735.4			Clay Sandy Yellow
32.6	721.7			Sand
43.9	710.5			Clay Sandy Yellow
63.4	690.9			Sand
65.2	689.1			Clay Blue
68.6	685.8			Sandstone
72.2	682.1			Shale Green
73.5	680.9			Shale Gray
75.0	679.4			Sandstone
79.6	674.8			Shale Gray
85.6	668.7			Sandstone
86.3	668.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 08-053-01 W5M**

Well Number **07245**

Well Owner: **Thurner, Fred**

Elevation (AMSL) (m): **754**

AEP: **351056**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **58,548.81**

Date Started: **25 Jun 89**

Northing: **5,932,214.50**

Date Completed: **28 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **97.5** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **360.0**  
 Level End (m): **57.9** Drawdown (m): **34.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
30.8	723.0		Sand
33.2	720.5		Clay
61.0	692.8		Sand
64.0	689.7		Clay Sandy
74.7	679.1		Shale Green
75.6	678.2		Shale Sandy
86.3	667.5		Shale
89.9	663.8		Sandstone
96.3	657.4		Shale
97.5	656.2		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-09-053-01 W5M

Well Number 07246

Well Owner: **Alta Env #1694e**

Elevation (AMSL) (m): **735**

AEP: **369016**

Licence No.:

Easting: **61,041.21**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Date Started:

Northing: **5,932,668.00**

Date Completed: **28 May 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	734.6	Sand Fine Grained
6.7	728.5	Clay Silty
7.0	728.2	Coal
20.1	715.0	Clay Silty
32.9	702.2	Clay Sandy
35.0	700.1	Sand Very Fine Grained
42.7	692.5	Coal
46.6	688.5	Clay & Coal Sandy
47.2	687.9	Sand & Gravel Coarse Grained
48.8	686.4	Clay Sandy
54.9	680.3	Clay & Sand Interbedded
61.0	674.2	Sand & Coal
67.1	668.1	Sand & Coal Coarse Grained
68.9	666.3	Sand & Coal Coarse Grained
71.9	663.2	Clay Silty
83.8	651.3	Siltstone & Sandstone Bentonit
84.7	650.4	Coal
85.3	649.8	Shale Carbonaceous

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07247**

Well Owner: **Allan Beach Resort Inc**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361707**  
 Easting: **60,790.50**  
 Northing: **5,933,323.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 09-053-01 W5M**

Well Number **07248**

Well Owner: **Arnold, Bob**

Elevation (AMSL) (m): **755**

AEP: **396995**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,714.90**

Date Started: **28 Jun 94**

Northing: **5,933,605.00**

Date Completed: **28 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.0** Bottom (m): **68.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **68.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **68.0** to **69.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **32.9**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **1.5**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	736.3	Clay Sandy Yellow
32.6	722.0	Clay Soft Blue
35.7	718.9	Sand
42.1	712.5	Clay Soft Blue
43.3	711.3	Sand
53.3	701.3	Clay Blue
73.2	681.4	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 09-053-01 W5M**

Well Number **07249**

Well Owner: **Boje, Ken**

Elevation (AMSL) (m): **755**

AEP: **359718**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,649.88**

Date Started: **30 Aug 91**

Northing: **5,933,526.50**

Date Completed: **30 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **65.5** Bottom (m): **65.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **71.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **65.5** to **67.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.8	731.5	Till Brown
31.4	723.9	Clay Blue
35.4	720.0	Sand Gray
46.3	709.0	Clay Blue
50.3	705.0	Sand Gray
54.3	701.1	Clay Blue
58.2	697.1	Sand & Coal Gray
60.0	695.3	Clay Blue
68.0	687.3	Sand & Coal Gray
70.1	685.2	Clay Blue
71.6	683.7	Sandstone Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07250**

Well Owner: **Cartwright, Wm**

Elevation (AMSL) (m): **750**

AEP: **362766**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,403.41**

Date Started: **20 Jun 91**

Northing: **5,933,646.00**

Date Completed: **24 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.5** Bottom (m): **73.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **73.5** to **75.0** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.6	728.1	Clay Sandy Yellow
29.0	720.8	Clay Yellow
36.6	713.1	Clay Blue
45.7	704.0	Lost Circulation
57.9	691.8	Sand & Coal
63.1	686.6	Clay Blue
76.2	673.5	Sand & Coal
77.7	672.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07251**

Well Owner: **Edie, Don**

Elevation (AMSL) (m): **754**

AEP: **415522**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,539.50**

Date Started: **05 Sep 95**

Northing: **5,933,605.00**

Date Completed: **05 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4c02tl-02** Intake (m): **54.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **24.1**  
 Rec'd intake (m): **54.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	729.4	Clay Yellow
27.4	726.3	Clay Sandy Blue
28.4	725.4	Clay Blue
29.9	723.9	Clay & Sand
33.2	720.5	Sand
37.2	716.6	Clay Blue
43.6	710.2	Sand
45.1	708.6	Clay Blue
46.9	706.8	Clay & Sand
56.4	697.3	Sand
58.2	695.5	Clay Hard Blue
68.6	685.2	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07252**

Well Owner: **Hafso, D**

Elevation (AMSL) (m): **755**

AEP: **361092**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,577.30**

Date Started: **07 Nov 91**

Northing: **5,933,476.50**

Date Completed: **12 Nov 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **34.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **82.3** Bottom (m): **82.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **82.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **85.3** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Tg07422**

Model: **Gould** Intake (m): **65.5**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **65.5** Drawdown (m): **30.8**  
 Rec'd intake (m): **71.6** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	747.9			Clay Sandy Brown
18.6	736.3			Clay & Sand Brown
19.2	735.7			Gravel
24.4	730.5			Silt Gray
27.4	727.4			Clay Gray
61.0	693.9			Silt & Coal Gray
73.2	681.7			Sand & Coal Fine Grained
75.6	679.3			Shale Hard Gray
76.5	678.4			Shale Green
80.2	674.7			Sandstone Green
82.3	672.6			Shale Fractured Gray
85.3	669.5			Shale Green
92.1	662.8			Sandstone Gray
96.3	658.6			Shale & Coal Brown
96.9	658.0			Sandstone Gray
97.5	657.3			Shale Dark Gray
100.6	654.3			Shale & Coal Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07253**

Well Owner: **Jordan, Bob**

Elevation (AMSL) (m): **755**

AEP: **353477**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,064.19**

Date Started: **24 Sep 90**

Northing: **5,933,597.50**

Date Completed: **15 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.3** Bottom (m): **64.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **33.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **64.6** to **66.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **57.6**

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **18.3**  
 Rec'd intake (m): **57.6** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.3	754.2			Topsoil
19.8	734.7			Silt Brown
24.4	730.1			Clay Gray
33.5	721.0			Silt Gray
41.8	712.7			Sand & Coal Gray
42.7	711.8			Coal
64.3	690.2			Sand Gray
67.1	687.5			Sand Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07254**

Well Owner: **Lehman, Don**

Elevation (AMSL) (m): **751**

AEP: **364110**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,908.45**

Date Started: **11 Feb 92**

Northing: **5,933,373.50**

Date Completed: **12 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.4** Bottom (m): **67.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **67.4** to **68.9** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.6	721.5	Clay Sandy Yellow
32.0	719.1	Clay & Coal Sandy
33.5	717.6	Clay Blue
57.9	693.2	Sand & Coal
61.0	690.1	Clay Blue
70.1	681.0	Sand & Coal
73.2	678.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07255**

Well Owner: **Mcclain, Robert**

Elevation (AMSL) (m): **754**

AEP: **359861**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,482.04**

Date Started: **14 Aug 91**

Northing: **5,933,558.00**

Date Completed: **15 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **75.6** Bottom (m): **75.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **75.6** to **77.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **25.9** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	749.2	Sand Brown
11.6	742.2	Sand Soft Yellow
18.3	735.5	Clay Sandy Yellow
21.3	732.4	Clay Soft Gray
24.4	729.4	Sand Gray
28.4	725.4	Clay Gray
29.3	724.5	Sand Gray
36.6	717.2	Clay & Sand Gray
44.5	709.2	Sand Gray
46.3	707.4	Clay Gray
46.9	706.8	Sand
47.6	706.2	Clay Gray
51.8	701.9	Sand Gray
54.9	698.9	Clay & Sand
70.4	683.3	Sand Gray
71.3	682.4	Coal
80.2	673.6	Sand Gray
82.3	671.5	Clay Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07256**

Well Owner: **Parsen, Wayne**

Elevation (AMSL) (m): **750**

AEP: **359717**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,766.31**

Date Started: **11 Jul 91**

Northing: **5,933,346.50**

Date Completed: **16 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **76.5** Bottom (m): **76.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **75.0** to **76.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **106.7**  
 Perforated How: **Saw**  
 from (m): **82.3** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **170.0**  
 Level End (m): **82.3** Drawdown (m): **67.4**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **182.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	749.5	Clay Brown
6.7	743.4	Sand Brown
12.8	737.3	Sand Gray
15.5	734.5	Clay Gray
18.9	731.2	Silt Gray
45.4	704.7	Clay & Coal
70.1	680.0	Sand & Coal Very Fine Grained
73.2	676.9	Sand & Gravel
74.7	675.4	Sand Cemented Brown
76.5	673.6	Shale Gray
77.4	672.7	Shale & Coal Brown
80.8	669.3	Shale Light Green
83.8	666.3	Shale Gray
85.0	665.0	Sandstone Light Gray
86.6	663.5	Shale
89.6	660.5	Sandstone Gray
90.5	659.6	Shale & Coal Brown
94.2	655.9	Sandstone
99.4	650.7	Shale Gray
101.2	648.9	Sandstone & Coal
106.7	643.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 09-053-01 W5M**

Well Number **07257**

Well Owner: **Prefontaine, Ida**

Elevation (AMSL) (m): **751**

AEP: **353032**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,790.50**

Date Started: **05 Sep 90**

Northing: **5,933,323.50**

Date Completed: **06 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **50.3** to **51.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.9	727.7			Clay Silty Yellow
38.1	712.4			Sand See Comments Yellow
41.2	709.4			Clay Blue
53.3	697.2			Sand & Coal
59.4	691.1			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 09-053-01 W5M**

Well Number **07258**

Well Owner: **Stanier, Eric/Linda**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **362183**  
 Easting: **60,790.50**  
 Northing: **5,933,323.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 09-053-01 W5M**

Well Number **07259**

Well Owner: **Webb, Bill**

Elevation (AMSL) (m): **754**

AEP: **412702**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,542.52**

Date Started: **21 Dec 95**

Northing: **5,933,508.00**

Date Completed: **21 Dec 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.0** to **62.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **51.2**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **36.0**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
15.2	738.9	Clay & Sand Yellow
57.9	696.3	Clay Blue
64.6	689.6	Clay & Sand
67.1	687.1	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 09-053-01 W5M**

Well Number **07260**

Well Owner: **Ziegler, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356904**  
 Easting: **60,498.67**  
 Northing: **5,933,641.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 09-053-01 W5M**

Well Number **07261**

Well Owner: **Bryant, Reg**

Elevation (AMSL) (m): **757**

AEP: **365599**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,718.64**

Date Started: **27 Jul 92**

Northing: **5,933,226.50**

Date Completed: **28 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **106.4** (m)  
 NPWL (m): **40.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **76.5** Bottom (m): **76.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **76.5**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **73.5** Bottom (m): **105.5**  
 Perforated How: **Saw**  
 from (m): **73.5** to **105.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **70.7** Drawdown (m): **30.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	734.5	Clay Sandy Yellow
26.8	730.5	Clay Blue
30.5	726.9	Sand & Coal
51.2	706.2	Clay Blue
74.1	683.3	Sand & Coal
79.6	677.8	Shale Greenish Gray
81.7	675.7	Shale Sandy Gray
88.4	669.0	Shale Gray
89.9	667.5	Shale & Coal Brown
94.5	662.9	Shale Green
101.5	655.9	Shale Sandy Gray
106.4	651.0	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07262**

Well Owner: **Dewey, Earl**

Elevation (AMSL) (m): **748**

AEP: **406433**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,294.75**

Date Started: **04 May 95**

Northing: **5,933,503.50**

Date Completed: **04 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **72.5** Bottom (m): **72.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **63.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **72.5** to **74.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **74.1**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **62.2** Drawdown (m): **41.8**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.3	725.5	Clay Sandy Yellow
53.0	694.7	Clay Blue
59.7	688.0	Sand Yellow
63.4	684.4	Clay Blue
75.3	672.5	Sand
76.2	671.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07263**

Well Owner: **Goetzinger, Fred**  
 Drilling Contractor: *Elliott Drlg*

Elevation (AMSL) (m): **757**  
 Licence No.:  
 Date Started:  
 Date Completed: **15 Jul 75**  
 AEP: **394534**  
 Easting: **59,705.03**  
 Northing: **5,933,175.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **108.0** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **600.0**  
 Level End (m): **21.0** Drawdown (m):  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	749.0	Clay Brown
12.2	744.4	Clay Blue
57.9	698.7	Sand Silty
62.5	694.1	Gravel
64.6	692.0	Sand Coarse Grained
86.9	669.7	Shale
93.0	663.6	Coal
94.5	662.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07264**

Well Owner: **Mccarden, Bob**

Elevation (AMSL) (m): **756**

AEP: **379513**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,767.03**

Date Started: **29 Oct 93**

Northing: **5,933,453.50**

Date Completed: **29 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **44.8** to **46.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.9** to **52.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **52.4**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **52.4** Drawdown (m): **15.9**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	750.3	Clay Sandy Brown
25.0	730.8	Sand Brown
33.2	722.5	Clay Blue
44.8	710.9	Lost Circulation
54.9	700.9	Sand Lost Circulation Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 09-053-01 W5M**

Well Number **07265**

Well Owner: **Nielson, Rick**

Elevation (AMSL) (m): **750**

AEP: **365174**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **59,969.65**

Date Started: **08 May 92**

Northing: **5,933,523.00**

Date Completed: **08 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **68.6** Bottom (m): **68.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **45.7** to **61.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **67.1** to **68.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **48.8**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **21.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	731.9			Sand Brown
36.6	713.6			Clay
54.9	695.4			Sand Silty
68.6	681.6			Sand Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07266**

Well Owner: **Nowicki, Wayne**

Elevation (AMSL) (m): **753**

AEP: **356903**

Drilling Contractor: *Reklow Water Well Drilling*

Licence No.:

Easting: **59,998.38**

Date Started: **14 Jun 90**

Northing: **5,933,311.50**

Date Completed: **18 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **65.8** Bottom (m): **65.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **65.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **65.8** to **67.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **48.2**

**Testing:**

Rate (lpm): **91.2** Time (minute): **300.0**  
 Level End (m): **36.6** Drawdown (m): **8.5**  
 Rec'd intake (m): **48.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	730.3	Clay Soft
27.4	725.7	Clay
29.0	724.2	Sand Fine Grained
45.7	707.4	Sand Silty
50.3	702.8	Sand
65.5	687.6	Sand Fine Grained
67.1	686.1	Sand Medium Grained
73.2	680.0	Unknown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 09-053-01 W5M**

Well Number **07267**

Well Owner: **Parser, Dale**

Elevation (AMSL) (m): **754**

AEP: **396990**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **59,727.71**

Date Started: **23 Mar 94**

Northing: **5,933,127.00**

Date Completed: **31 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **83.8** Bottom (m): **83.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **80.8** to **82.3**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **82.3** Bottom (m): **121.9**  
 Perforated How: **Saw**  
 from (m): **97.5** to **118.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **42.7**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	750.0	Clay Brown
5.8	748.4	Gravel Coarse Grained
13.1	741.1	Clay Brown
23.5	730.8	Clay Gray
34.8	719.5	Sand Brown
54.0	700.3	Clay Gray
74.1	680.2	Sand & Coal Coarse Grained
79.6	674.7	Clay Gray
80.5	673.8	Shale Gray
81.7	672.6	Shale Green
82.6	671.6	Sandstone
84.7	669.5	Sandstone Green
85.6	668.6	Shale Brown
88.1	666.2	Sandstone
89.6	664.6	Shale Gray
92.4	661.9	Sandstone
95.1	659.1	Shale Gray
96.6	657.6	Sandstone
97.2	657.0	Shale Brown
98.5	655.8	Shale Green
99.7	654.6	Shale Gray
101.8	652.4	Sandstone
103.0	651.2	Shale Brown
107.3	647.0	Shale Gray
109.4	644.8	Shale & Coal Brown
110.0	644.2	Sandstone
111.3	643.0	Shale Green
114.9	639.3	Sandstone
118.0	636.3	Shale Green
119.2	635.1	Sandstone
121.9	632.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07268**

Well Owner: **Purich, Ken**

Elevation (AMSL) (m): **753**

AEP: **355284**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,698.98**

Date Started: **30 Jan 91**

Northing: **5,933,065.00**

Date Completed: **31 Jan 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **58.8** to **60.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	742.0			Clay Sandy Yellow
43.3	709.3			Clay Blue
44.2	708.4			Sand
50.9	701.7			Clay Blue
53.3	699.3			Sand See Comments
55.5	697.2			Clay Blue
62.5	690.1			Sand & Coal
64.0	688.6			Clay & Rocks Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 09-053-01 W5M**

Well Number **07269**

Well Owner: **Schellevis, Joe**

Elevation (AMSL) (m): **753**

AEP: **357690**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **59,998.38**

Date Started: **21 Jun 90**

Northing: **5,933,311.50**

Date Completed: **23 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **114.3** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **68.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.4** Bottom (m): **114.3**  
 Perforated How: **Machine**  
 from (m): **102.1** to **114.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **91.4**

**Testing:**

Rate (lpm): **18.2** Time (minute): **2880.0**  
 Level End (m): **79.2** Drawdown (m): **24.4**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	750.1			Sand Silty Brown
18.6	734.5			Sand Silty
23.8	729.3			Sand
28.4	724.8			Clay Brown
41.8	711.4			Sand
48.2	705.0			Sand Silty
58.5	694.6			Clay Blue
67.4	685.8			Sand & Gravel
70.4	682.7			Shale Gray
82.9	670.2			Sandstone Soft
88.7	664.4			Shale Gray
97.5	655.6			Sandstone Gray
98.1	655.0			Coal
105.2	648.0			Shale Gray
109.7	643.4			Shale Brown
114.3	638.8			Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-01 W5M**

Well Number **07270**

Well Owner: **Steves, Steven**

Elevation (AMSL) (m): **753**

AEP: **352282**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,621.86**

Date Started: **02 Oct 90**

Northing: **5,933,396.00**

Date Completed: **03 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **80.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **82.3** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
25.3	728.2	Clay Sandy Yellow
29.6	723.9	Sand
53.6	699.8	Clay Silty Blue
66.1	687.3	Sand
75.6	677.9	Clay Blue
78.3	675.1	Shale Gray
82.6	670.9	Shale Green
86.0	667.5	Sandstone
91.7	661.7	Shale Gray
93.9	659.6	Sandstone
96.6	656.9	Shale Gray
100.0	653.5	Sandstone
103.6	649.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07271**

Well Owner: **Anton, Eric**

Elevation (AMSL) (m): **743**

AEP: **365548**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **23 Jul 92**

Northing: **5,932,487.00**

Date Completed: **24 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.1**  
 from (m): **52.7** to **54.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **10.7** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.1	730.3			Clay Yellow
15.2	728.1			Clay Blue
17.4	726.0			Sand & Coal
28.4	715.0			Clay Blue
33.5	709.8			Sand & Coal
41.8	701.6			Clay Blue
54.0	689.4			Sand & Coal
56.4	687.0			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-053-01 W5M**

Well Number **07272**

Well Owner: **Belland, Guy/Jeannine**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364643**  
 Easting: **60,855.09**  
 Northing: **5,932,487.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 09-053-01 W5M**

Well Number **07273**

Well Owner: **Buller, Stan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356902**  
 Easting: **60,855.09**  
 Northing: **5,932,487.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-053-01 W5M**

Well Number **07274**

Well Owner: **Fillion, Roger**

Elevation (AMSL) (m): **743**

AEP: **399726**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **27 Sep 93**

Northing: **5,932,487.00**

Date Completed: **28 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **71.9** Bottom (m): **96.3**  
 Perforated How: **Saw**  
 from (m): **71.9** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **18.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	731.2			Clay Silty Yellow
27.4	715.9			Clay Blue
37.5	705.9			Sand
62.5	680.9			Clay Blue
65.5	677.8			Shale Sandy Gray
76.2	667.2			Shale Green
81.7	661.7			Shale Sandy Gray
83.8	659.6			Shale Brittle Gray
85.3	658.0			Shale Sandy Gray
88.4	655.0			Shale Gray
95.1	648.3			Shale Sandy Gray
97.2	646.1			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 09-053-01 W5M**

Well Number **07275**

Well Owner: **Fraser, Bill**

Elevation (AMSL) (m): **743**

AEP: **396815**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **08 Apr 94**

Northing: **5,932,487.00**

Date Completed: **11 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **70.4** Bottom (m): **70.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **70.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **67.4** Bottom (m): **90.5**  
 Perforated How: **Saw**  
 from (m): **70.4** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **12.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	732.7	Clay Sandy Yellow
15.9	727.5	Sand
17.1	726.3	Clay Blue
33.5	709.8	Sand
37.8	705.6	Clay Blue
61.0	682.4	Sand
70.1	673.3	Clay Blue
71.9	671.4	Shale Green
79.2	664.1	Shale Sandy Gray
80.8	662.6	Coal
81.7	661.7	Shale Gray
82.9	660.5	Shale Sandy Gray
85.3	658.0	Shale Gray
88.4	655.0	Sandstone
91.4	651.9	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-053-01 W5M**

Well Number **07276**

Well Owner: **Glads, Ted**

Elevation (AMSL) (m): **743**

AEP: **351131**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **60,855.09**

Date Started: **30 May 90**

Northing: **5,932,487.00**

Date Completed: **30 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **56.7** to **57.9** Size: **0.10**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.9	724.5	Clay Silty Brown
25.0	718.4	Sand Silty Brown
29.0	714.4	Sand
42.7	700.7	Clay Silty Gray
44.8	698.6	Clay Brown
47.6	695.8	Sand
55.8	687.6	Sand
57.9	685.5	Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07277**

Well Owner: **Grant, Bill**

Elevation (AMSL) (m): **743**

AEP: **370016**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **21 Jul 93**

Northing: **5,932,487.00**

Date Completed: **22 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **58.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.8** to **35.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **480.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.6	724.8	Till Brown
21.0	722.3	Till Blue
25.0	718.4	Sand & Coal
26.5	716.9	Clay Blue
45.1	698.3	Sand & Coal
46.9	696.4	Clay Blue
55.5	687.9	Sand & Coal
58.5	684.9	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07278**

Well Owner: **Grono, Dick**

Elevation (AMSL) (m): **743**

AEP: **360258**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **60,855.09**

Date Started: **21 Sep 91**

Northing: **5,932,487.00**

Date Completed: **21 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: **Jacuzzi** Intake (m): **39.6**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **39.6** Drawdown (m): **27.4**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	734.2			Clay Brown
39.6	703.8			Clay Blue
50.3	693.1			Sand & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 09-053-01 W5M**

Well Number **07279**

Well Owner: **Kuzio, Shelley/Darcy**

Elevation (AMSL) (m): **743**

AEP: **377768**

Drilling Contractor: **Summers, David Drilling**

Licence No.:

Easting: **60,855.09**

Date Started: **25 Jun 93**

Northing: **5,932,487.00**

Date Completed: **29 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **19.8** to **21.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **17 St** Intake (m): **48.8**

**Testing:**

Rate (lpm): **250.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **34.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.4	733.9			Sand Silty Brown
31.1	712.3			Clay Blue
43.3	700.1			Clay Silty Blue
56.4	687.0			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 09-053-01 W5M**

Well Number **07280**

Well Owner: **Matiejewski, Louie**

Elevation (AMSL) (m): **743**

AEP: **358533**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **23 Jul 91**

Northing: **5,932,487.00**

Date Completed: **25 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **78.3** Bottom (m): **78.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **78.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **75.3** Bottom (m): **99.7**  
 Perforated How: **Machine**  
 from (m): **75.3** to **99.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **80.8** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	740.9	Clay Silty Yellow
10.4	733.0	Sand Coarse Grained
24.4	719.0	Clay Blue
53.0	690.3	Sand & Coal
53.6	689.7	Clay Blue
54.9	688.5	Shale Gray
56.4	687.0	Shale Green
75.6	667.8	Shale Gray
77.7	665.7	Shale & Coal Sandy Gray
81.7	661.7	Shale Green
94.5	648.9	Shale Sandy Gray
95.1	648.3	Shale Brown
99.1	644.3	Shale Sandy Gray
100.0	643.4	Coal
100.6	642.8	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 09-053-01 W5M**

Well Number **07281**

Well Owner: **Park, Ian**

Elevation (AMSL) (m): **743**

AEP: **378266**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **07 Jul 95**

Northing: **5,932,487.00**

Date Completed: **12 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **129.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4c02tl S/R** Intake (m): **29.9**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **1.5**  
 Rec'd intake (m): **29.9** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
25.3	718.1	Clay Sandy Yellow
42.7	700.7	Sand & Coal
56.4	687.0	Clay Sandy Blue
64.0	679.4	Sand & Coal
71.9	671.4	Clay Blue
75.3	668.1	Clay Gray
78.6	664.7	Shale Light Gray
81.7	661.7	Shale Sandy Gray
86.6	656.8	Shale Green
87.8	655.6	Shale Sandy Gray
89.0	654.4	Coal
90.8	652.5	Shale Gray
100.0	643.4	Shale Sandy Gray
102.1	641.3	Shale Gray
103.0	640.4	Shale Sandy Gray
104.9	638.5	Shale Brown
107.3	636.1	Shale Sandy Gray
108.5	634.9	Shale Gray
109.1	634.3	Shale Green
110.0	633.3	Coal
121.3	622.1	Shale Green
125.0	618.4	Shale Sandy Gray
129.2	614.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07282**

Well Owner: **Park, Ian A**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361705**  
 Easting: **60,855.09**  
 Northing: **5,932,487.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-053-01 W5M**

Well Number **07283**

Well Owner: **Schimeck, J.**

Elevation (AMSL) (m): **743**

AEP: **418392**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **60,855.09**

Date Started: **11 May 78**

Northing: **5,932,487.00**

Date Completed: **12 May 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.3** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Ga**  
 OD (mm): **1.4**  
 from (m): **32.0** to **35.0** Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.7	722.6	Clay Sandy
25.9	717.5	Till Sandy
28.4	715.0	Till
36.3	707.1	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07284**

Well Owner: **Sosnick, Steve**

Elevation (AMSL) (m): **743**

AEP: **354515**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **21 Jul 89**

Northing: **5,932,487.00**

Date Completed: **21 Jul 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **59.7** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.6**  
 Rec'd intake (m): **55.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.9	717.5	Clay
61.0	682.4	Sand & Coal
62.5	680.9	Clay
78.6	664.7	Sand See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07285**

Well Owner: **Tilroe, Paul/Relax Inn**

Elevation (AMSL) (m): **743**

AEP: **351737**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,855.09**

Date Started: **20 Jun 90**

Northing: **5,932,487.00**

Date Completed: **20 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **38.7** to **40.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	728.1	Clay Sandy Yellow
28.4	715.0	Clay Blue
32.9	710.5	Coal Sandy
35.0	708.3	Clay Blue
40.5	702.8	Coal Sandy
44.2	699.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-01 W5M**

Well Number **07286**

Well Owner: **Watling, Glen R**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **358320**  
 Easting: **60,855.09**  
 Northing: **5,932,487.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SH 09-053-01 W5M**

Well Number **07287**

Well Owner: **Alta Env #1916e**

Elevation (AMSL) (m): **729**

AEP: **359960**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **27 Jul 79**

Northing: **5,932,472.00**

Date Completed: **27 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	719.8	Silt Brown
28.7	700.3	Silt Gray
30.5	698.4	Sand & Coal
61.0	668.0	Clay & Sand
75.3	653.6	Sand
78.3	650.6	Siltstone
81.4	647.5	Sandstone
96.9	632.0	Siltstone
97.5	631.4	Shale
101.8	627.1	Sandstone
109.7	619.2	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SH 09-053-01 W5M**

Well Number **07288**

Well Owner: **Alta Env #1917e**

Elevation (AMSL) (m): **729**

AEP: **359957**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **28 Jul 79**

Northing: **5,932,472.00**

Date Completed: **28 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.0	714.9	Silt
34.8	694.2	Sand & Coal
41.2	687.8	Clay & Sand
54.3	674.7	Sand & Coal
57.3	671.6	Sand
59.4	669.5	Shale
62.2	666.7	Sandstone
65.8	663.1	Siltstone
70.1	658.8	Sandstone
87.2	641.7	Siltstone
87.8	641.1	Shale
92.7	636.3	Siltstone
97.8	631.1	Sandstone
109.7	619.2	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SH 09-053-01 W5M**

Well Number **07289**

Well Owner: **Alta Env #1919e**

Elevation (AMSL) (m): **729**

AEP: **359961**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **29 Jul 79**

Northing: **5,932,472.00**

Date Completed: **09 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **65.5** to **67.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.7	700.3	Silt
30.5	698.4	Clay & Coal
61.0	668.0	Clay & Sand
67.1	661.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SH 09-053-01 W5M**

Well Number **07290**

Well Owner: **Alta Env #1920e**

Elevation (AMSL) (m): **729**

AEP: **359959**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **10 Aug 79**

Northing: **5,932,472.00**

Date Completed: **11 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **74.7** (m)  
 NPWL (m): **33.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **71.6** Bottom (m): **71.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Packer**  
 from (m): to **68.9**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **71.6** to **74.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.7	700.3	Silt
30.5	698.4	Sand & Coal
61.0	668.0	Clay & Sand
74.7	654.2	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SH 09-053-01 W5M**

Well Number **07291**

Well Owner: **Alta Env #1921e**

Elevation (AMSL) (m): **729**

AEP: **359956**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **12 Aug 79**

Northing: **5,932,472.00**

Date Completed: **21 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **103.6** (m)  
 NPWL (m): **39.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **95.4** Bottom (m): **95.4**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **95.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **103.6**  
 Perforated How: **Torch**  
 from (m): **96.0** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	719.8	Silt
28.7	700.3	Silt Gray
30.5	698.4	Sand & Coal
61.0	668.0	Clay & Sand
73.8	655.2	Sand
76.2	652.7	Sandstone
79.2	649.7	Siltstone
82.9	646.0	Sandstone
94.5	634.4	Siltstone
96.9	632.0	Shale
103.6	625.3	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SH 09-053-01 W5M**

Well Number **07292**

Well Owner: **Alta Env #1922e**

Elevation (AMSL) (m): **729**

AEP: **359958**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **60,439.95**

Date Started: **21 Aug 79**

Northing: **5,932,472.00**

Date Completed: **24 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **83.8** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **77.1** Bottom (m): **77.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **77.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **83.8**  
 Perforated How: **Machine**  
 from (m): **77.4** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	719.8	Silt
28.7	700.3	Silt Gray
30.5	698.4	Sand & Coal
61.0	668.0	Clay & Sand
73.8	655.2	Sand
79.2	649.7	Siltstone
82.9	646.0	Sandstone
83.8	645.1	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SH 09-053-01 W5M**

Well Number **07293**

Well Owner: **Labrosse, Ray**

Elevation (AMSL) (m): **729**

AEP: **396986**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,439.95**

Date Started: **20 Jun 94**

Northing: **5,932,472.00**

Date Completed: **20 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.3** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **32.9**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **23.8** Drawdown (m): **1.2**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	713.7	Clay Sandy Yellow
17.7	711.2	Sand & Coal
27.4	701.5	Clay Yellow
39.6	689.3	Clay Blue
43.3	685.6	Sand
54.9	674.1	Clay Sandy Blue
64.3	664.6	Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07294**

Well Owner: **Allison, Archie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365790**  
 Easting: **60,214.70**  
 Northing: **5,932,678.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **83.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-01 W5M**

Well Number **07295**

Well Owner: **Alta Env #1918e**

Elevation (AMSL) (m): **735**

AEP: **360023**

Licence No.:

Easting: **60,032.07**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Date Started: **28 Jul 79**

Northing: **5,932,482.00**

Date Completed: **28 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **103.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	726.2	Silt
17.7	717.1	Clay
25.3	709.5	Clay & Sand
29.9	704.9	Sand & Coal
36.6	698.2	Clay & Sand
42.1	692.7	Sand & Coal
52.4	682.3	Sand
55.8	679.0	Siltstone
58.5	676.2	Sandstone
90.8	643.9	Siltstone
94.5	640.3	Sandstone
99.4	635.4	Siltstone
100.3	634.5	Sandstone Stringers
103.6	631.1	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07296**

Well Owner: **Alta Env #1918e**

Elevation (AMSL) (m): **735**

AEP: **372384**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **60,032.07**

Date Started: **28 Jul 79**

Northing: **5,932,482.00**

Date Completed: **28 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth: **103.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	726.2	Silt
17.7	717.1	Clay
25.3	709.5	Clay & Sand
29.9	704.9	Sand & Coal
36.6	698.2	Clay & Sand
42.1	692.7	Sand & Coal
54.0	680.8	Sand
55.8	679.0	Siltstone
60.0	674.7	Sandstone
90.8	643.9	Siltstone
94.5	640.3	Sandstone
99.4	635.4	Siltstone
100.3	634.5	Sandstone Stringers
103.6	631.1	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 09-053-01 W5M**

Well Number **07297**

Well Owner: **Cust, Robin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **735**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361706**  
 Easting: **60,032.07**  
 Northing: **5,932,482.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-01 W5M**

Well Number **07298**

Well Owner: **Houston, Chris/Sutherland, B**

Elevation (AMSL) (m): **735**

AEP: **366876**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,032.07**

Date Started: **27 Oct 92**

Northing: **5,932,482.00**

Date Completed: **28 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **96.0** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **59.4**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **56.1** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **56.1** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	717.7	Clay Sandy Yellow
25.0	709.8	Clay Blue
31.1	703.7	Sand
37.8	697.0	Clay Blue
46.3	688.4	Sand & Coal
57.9	676.8	Clay Blue
61.6	673.2	Shale Green
63.4	671.4	Shale Sandy Gray
75.3	659.5	Shale Gray
84.7	650.0	Shale Sandy Gray
86.0	648.8	Shale Soft Dark Brown
86.9	647.9	Shale Green
92.4	642.4	Shale Sandy Gray
94.5	640.3	Shale Green
96.0	638.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07299**

Well Owner: **Larsen**

Elevation (AMSL) (m): **735**

AEP: **387413**

Drilling Contractor: *Hokenson Ww Ltd*

Licence No.:

Easting: **60,032.07**

Date Started:

Northing: **5,932,482.00**

Date Completed: **01 Oct 72**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment: **Bentonite Product 27 Jul 94**

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **46.6** to **48.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Crane** Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
23.8	711.0			Clay & Sand
44.2	690.6			Clay & Sand Fine Grained
51.8	682.9			Sand & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-01 W5M**

Well Number **07300**

Well Owner: **Larsen, H.**

Elevation (AMSL) (m): **727**

AEP: **387039**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **59,990.16**

Date Started: **22 Jul 94**

Northing: **5,932,717.00**

Date Completed: **26 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **65.5** to **68.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **100.6**  
 Perforated How: **Machine**  
 from (m): **85.3** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **32.0**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.4	717.0	Clay Brown
18.9	708.5	Clay Gray
39.3	688.1	Clay & Sand Fine Grained Gray
41.2	686.2	Coal
51.2	676.2	Sand Gray
63.1	664.3	Sand Coarse Grained Gray
66.8	660.6	Clay Gray
67.4	660.0	Shale Green
68.6	658.8	Sandstone
70.4	657.0	Shale Green
71.9	655.5	Shale Gray
74.1	653.3	Sandstone
79.6	647.8	Shale Gray
81.7	645.7	Coal
84.4	643.0	Shale Gray
86.0	641.4	Sandstone
86.9	640.5	Shale Gray
88.1	639.3	Shale Brown
96.3	631.1	Sandstone
97.8	629.5	Shale Brown
100.6	626.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07301**

Well Owner: **Matiejewski, Louie**

Elevation (AMSL) (m): **738**

AEP: **369648**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,274.57**

Date Started: **15 Jan 80**

Northing: **5,932,489.50**

Date Completed: **17 Jan 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **77.4** Bottom (m): **77.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **77.4**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **77.4** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	728.4	Clay Yellow
11.3	726.3	Sand & Coal
30.5	707.1	Clay Blue
53.0	684.5	Sand & Coal
53.6	683.9	Clay Blue
56.1	681.5	Shale Sandy Gray
57.0	680.6	Shale Gray
57.6	679.9	Shale Green
59.1	678.4	Shale Brownish Gray
65.2	672.3	Shale Green
76.2	661.3	Shale Dark Gray
78.0	659.5	Shale Green
80.2	657.4	Sandstone
82.3	655.3	Shale Brown
94.2	643.4	Shale Sandy Gray
95.1	642.5	Shale & Coal Brown
97.2	640.3	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07302**

Well Owner: **Matrijewski, Ludwig**  
 Drilling Contractor: **Western Drlg & Const**

Elevation (AMSL) (m): **737**      AEP: **369753**  
 Licence No.:      Easting: **60,283.56**  
 Date Started:      Northing: **5,932,489.50**  
 Date Completed: **01 Aug 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.8** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **50.3**      Bottom (m): **50.3**  
 OD (mm): **103.1**      Thickness (mm):  
 Seal Type:  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.4**      to **54.0**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model: **Borilayton**      Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **45.6**      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m): **48.8**      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	724.9	Clay Sandy Brown
22.9	714.2	Sand Brownish Gray
29.0	708.2	Bentonite Sandy Brownish Gray
35.0	702.1	Sand Dark Gray
54.3	682.9	Sand Gray
54.6	682.5	Sandstone
55.8	681.3	Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-01 W5M**

Well Number **07303**

Well Owner: **Morrison, Doug**

Elevation (AMSL) (m): **729**

AEP: **351738**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,084.46**

Date Started: **14 Jun 90**

Northing: **5,932,795.00**

Date Completed: **15 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **79.6** Bottom (m): **79.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **79.6** to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.6** Bottom (m): **96.3**  
 Perforated How: **Machine**  
 from (m): **79.6** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	713.9	Clay	Silty Yellow	
25.9	703.2	Clay	Blue	
29.0	700.2	Coal	Sandy	
32.9	696.2	Clay	Blue	
36.6	692.6	Coal	Sandy	
39.6	689.5	Clay	Blue	
48.8	680.4	Coal	Sandy	
73.2	656.0	Coal	Sandy Blue	
76.2	652.9	Clay	Blue	
78.6	650.5	Shale	Gray	
79.2	649.9	Shale & Coal	Brown	
80.8	648.4	Shale	Gray	
85.3	643.8	Shale	Sandy Gray	
86.3	642.9	Shale	Green	
96.3	632.8	Shale	Sandy Gray	
97.2	631.9	Shale	Green	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

16-10-053-01 W5M

Well Number 07304

Well Owner: **Poco**

Elevation (AMSL) (m): **727**

AEP: **355042**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **62,680.88**

Date Started: **08 Nov 87**

Northing: **5,933,317.25**

Date Completed: **08 Nov 87**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **109.7** (m)  
 NPWL (m): **109.7** Verified NPWL (m):  
 Abandonment: **Cement** **10 Feb 88**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.2	708.0	Clay
25.9	701.3	Shale
27.7	699.5	Sandstone
44.8	682.4	Shale
54.0	673.3	Shale
59.7	667.5	Sandstone
109.7	617.5	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NE 10-053-01 W5M**

Well Number **07305**

Well Owner: **Dusterhoff, Ed**

Elevation (AMSL) (m): **733**

AEP: **361093**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **62,506.43**

Date Started: **08 Aug 91**

Northing: **5,933,434.50**

Date Completed: **09 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **103.6** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **84.4** Bottom (m): **84.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **84.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **103.6**  
 Perforated How: **Hand Drill**  
 from (m): **91.4** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **103.6** Drawdown (m): **62.5**  
 Rec'd intake (m): **94.2** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	728.4			Clay
13.7	719.6			Sand
30.5	702.8			Clay Sandy
59.4	673.9			Sand
61.3	672.0			Clay Silty
82.0	651.3			Sand & Coal
85.6	647.7			Shale
86.9	646.4			Sandstone
93.0	640.3			Shale
96.6	636.7			Sandstone
97.2	636.1			Shale Brown
97.8	635.5			Shale Gray
100.3	633.0			Sandstone
103.6	629.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 10-053-01 W5M**

Well Number **07306**

Well Owner: **Koch, Ed**

Elevation (AMSL) (m): **732**

AEP: **373924**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **62,480.43**

Date Started: **25 Aug 93**

Northing: **5,933,113.05**

Date Completed: **27 Aug 93**

**General:**

Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment: **Bentonite Product 27 Aug 93**

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

11.6	720.7	Clay Brown
16.5	715.8	Clay Blue
25.9	706.4	Sand Silty
28.0	704.2	Gravel
36.0	696.3	Clay Blue
41.2	691.1	Sand & Gravel Fine Grained
45.1	687.2	Shale Gray
46.0	686.3	Coal
51.2	681.1	Shale Gray
53.3	678.9	Sandstone Fine Grained Blue
68.9	663.4	Shale Gray
70.1	662.2	Sandstone Blue
83.8	648.5	Shale Gray
86.0	646.3	Sandstone Blue
88.7	643.6	Shale Gray
92.7	639.6	Sandstone Blue
97.5	634.8	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 10-053-01 W5M**

Well Number **07307**

Well Owner: **Nelson, Randy**

Elevation (AMSL) (m): **732**

AEP: **378920**

Licence No.:

Easting: **62,480.43**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **22 Apr 94**

Northing: **5,933,113.05**

Date Completed: **29 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **57.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **43.6** to **45.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **115.8**  
 Perforated How: **Saw**  
 from (m): **94.5** to **112.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **33.8**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	729.5	Clay Gray
7.9	724.4	Clay Brown
13.1	719.2	Sand & Gravel
17.1	715.2	Clay Yellow
17.7	714.6	Sandstone
19.8	712.5	Shale Green
23.2	709.1	Clay Gray
27.7	704.5	Clay Yellow
31.4	700.9	Gravel
43.3	689.0	Clay Yellow
45.1	687.2	Siltstone
46.6	685.7	Shale Green
47.6	684.7	Sandstone
48.5	683.8	Shale Gray
49.7	682.6	Sandstone
50.9	681.4	Shale Gray
53.6	678.6	Siltstone
56.1	676.2	Shale Green
65.2	667.1	Sandstone
71.6	660.7	Shale Green
73.5	658.8	Shale Gray
74.7	657.6	Siltstone
77.1	655.2	Shale Green
79.8	652.4	Sandstone
82.0	650.3	Shale Brown
83.2	649.1	Sandstone
84.7	647.6	Shale Gray
86.3	646.0	Shale Brown
88.7	643.6	Shale Gray
90.5	641.8	Shale & Coal Brown
96.0	636.3	Shale Green
99.7	632.6	Sandstone
104.2	628.0	Shale & Coal Brown
106.1	626.2	Shale Gray
114.0	618.3	Sandstone
115.8		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 10-053-01 W5M**

Well Number **07308**

Well Owner: **Roder, Walter**

Elevation (AMSL) (m): **732**

AEP: **357884**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,480.43**

Date Started: **16 Apr 91**

Northing: **5,933,113.05**

Date Completed: **17 Apr 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **60.7** to **62.2** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	711.0			Sand Silty Yellow
23.8	708.5			Clay Yellow
28.0	704.2			Clay Blue
29.6	702.7			Sand & Coal
30.5	701.8			Clay Blue
64.0	668.3			Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 10-053-01 W5M**

Well Number **07309**

Well Owner: **Sarich, Keith**

Elevation (AMSL) (m): **732**

AEP: **352583**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **62,480.43**

Date Started: **19 Oct 90**

Northing: **5,933,113.05**

Date Completed: **20 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **28.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **64.9** Bottom (m): **64.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **64.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.2** Bottom (m): **87.2**  
 Perforated How: **Machine**  
 from (m): **68.9** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Sta-Rite** Intake (m): **61.0**

**Testing:**

Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **56.1** Drawdown (m): **27.4**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.7	728.6	Clay Sandy Brown
11.6	720.7	Clay Sandy Brown
19.5	712.8	Shale Sandy Brown
21.6	710.6	Sand & Gravel
43.3	689.0	Sand & Coal Brown
46.9	685.3	Sand Silty Brown
49.4	682.9	Clay
58.5	673.8	Sand Silty Brown
62.2	670.1	Sand & Coal Fractured
65.2	667.1	Shale Soft Gray
68.9	663.4	Shale Gray
70.7	661.6	Shale Green
73.5	658.8	Shale & Sandstone Gray
76.8	655.5	Shale Gray
79.6	652.7	Sand Gray
83.5	648.8	Sandstone Gray
84.1	648.2	Shale & Coal
86.6	645.7	Shale & Sandstone Fine Grained
87.8	644.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 10-053-01 W5M**

Well Number **07310**

Well Owner: **Ben'S Const**

Elevation (AMSL) (m): **748**

AEP: **369741**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **61,829.66**

Date Started: **04 Aug 93**

Northing: **5,933,473.00**

Date Completed: **05 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **103.6** (m)  
 NPWL (m): **36.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **81.1** Bottom (m): **81.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **80.2** to **81.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.5** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **85.3** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 7s4518p** Intake (m): **70.1**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **62.8** Drawdown (m): **26.5**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.9	725.3			Clay Silty Brown
28.0	720.1			Sand
32.9	715.2			Clay Silty Gray
42.7	705.5			Sand
64.0	684.2			Sand & Coal Coarse Grained
77.1	671.1			Sand & Coal Gray
78.9	669.2			Lost Circulation
82.9	665.3			Shale Brownish Gray
83.5	664.7			Coal
84.1	664.0			Sandstone Light Gray
87.2	661.0			Shale
90.5	657.6			Sandstone Gray
90.8	657.3			Shale Brown
94.5	653.7			Sandstone Gray
95.1	653.1			Coal
97.8	650.3			Sandstone Gray
98.1	650.0			Coal
100.6	647.6			Shale
102.1	646.1			Sandstone Gray
103.6	644.5			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-053-01 W5M**

Well Number **07311**

Well Owner: **Blanchard, Sam**

Elevation (AMSL) (m): **748**

AEP: **365600**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,829.66**

Date Started: **19 May 92**

Northing: **5,933,473.00**

Date Completed: **20 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **45.7** to **48.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **64.0** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g0542z** Intake (m): **64.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **340.0**  
 Level End (m): **64.0** Drawdown (m): **27.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.3	747.9	Topsoil
6.7	741.5	Clay Brown
17.7	730.5	Clay Gray
20.7	727.4	Till & Clay Gray
43.9	704.3	Shale Light Brown
45.7	702.4	Shale Green
46.6	701.5	Sandstone
53.0	695.1	Shale Greenish Gray
54.3	693.9	Sandstone
56.4	691.8	Shale Gray
58.5	689.6	Sandstone
62.2	686.0	Shale Gray
66.4	681.7	Sandstone Gray
70.4	677.8	Shale Brownish Green
71.9	676.2	Coal
73.8	674.4	Shale Brown
76.8	671.4	Sandstone Gray
77.4	670.7	Shale Brown
79.2	668.9	Siltstone
82.3	665.9	Shale Gray
82.9	665.3	Coal
84.7	663.4	Shale Brown
85.3	662.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-053-01 W5M**

Well Number **07312**

Well Owner: **Goodman, Lawrence**

Elevation (AMSL) (m): **742**

AEP: **365687**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **61,666.14**

Date Started: **01 May 92**

Northing: **5,933,096.57**

Date Completed: **02 May 92**

**General:**

Type of Work: **Cathodic Protection**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **51.8** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **32.9** to **33.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **36.6** to **38.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **21.6**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	730.1	Clay	Sandy	
14.6	727.7	Clay		
16.5	725.9	Coal		
17.1	725.3	Clay		
18.3	724.0	Clay	Blue	
36.0	706.4	Silt		
38.1	704.2	Sand	Coarse Grained	
51.8	690.5	Silt & Coal		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NW 10-053-01 W5M**

Well Number **07313**

Well Owner: **Mcdonald, Brian/Lynda**

Elevation (AMSL) (m): **748**

AEP: **373915**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **61,829.66**

Date Started: **16 Nov 93**

Northing: **5,933,473.00**

Date Completed: **18 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **99.4** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.0** Bottom (m): **71.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **71.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **99.4**  
 Perforated How: **Saw**  
 from (m): **81.4** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **99.4**

**Testing:**

Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **89.3** Drawdown (m): **57.3**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.8	735.4			Clay Sandy Yellow
14.9	733.2			Sand
23.8	724.4			Clay Sandy Yellow
49.4	698.8			Sand
52.1	696.0			Clay Sandy Blue
57.9	690.3			Sand
59.1	689.0			Clay Blue
68.3	679.9			Shale Gray
72.5	675.6			Shale Green
81.4	666.8			Shale Gray
86.0	662.2			Shale Green
87.5	660.7			Sandstone
91.1	657.0			Shale Green
96.9	651.2			Sandstone
99.4	648.8			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 11-053-01 W5M**

Well Number **07314**

Well Owner: **Adams, Ron & Teresa**

Elevation (AMSL) (m): **728**

AEP: **352507**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,879.27**

Date Started: **09 Oct 90**

Northing: **5,933,382.00**

Date Completed: **09 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **49.1** Bottom (m): **49.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **49.1** to **50.6** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	717.2	Clay Yellow
13.7	714.2	Clay Blue
27.4	700.5	Shale Green
29.0	698.9	Shale Sandy Gray
35.0	692.8	Shale Gray
42.7	685.2	Sand
45.1	682.8	Shale Gray
45.7	682.2	Sand
51.2	676.7	Sand & Shale Gray
54.3	673.6	Clay Blue
54.9	673.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-01 W5M**

Well Number **07315**

Well Owner: **Demchuk, Bill**

Elevation (AMSL) (m): **733**

AEP: **373928**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **62,911.60**

Date Started: **08 Nov 93**

Northing: **5,933,143.00**

Date Completed: **08 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **22.9** to **24.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **34.4** to **36.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **26.5** Drawdown (m): **16.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	724.6			Clay Brown
22.9	710.3			Clay Silty Gray
27.4	705.7			Sand Fine Grained
27.7	705.4			Clay & Coal
36.0	697.2			Sand Coarse Grained
36.6	696.6			Clay

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 11-053-01 W5M**

Well Number **07316**

Well Owner: **Ference, Ruth**

Elevation (AMSL) (m): **719**

AEP: **359719**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **63,503.89**

Date Started: **27 Aug 91**

Northing: **5,933,459.00**

Date Completed: **28 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **109.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.3** to **51.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **39.6** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	718.7	Topsoil
11.3	708.0	Till Yellow
15.2	704.1	Shale Gray
30.2	689.2	Sandstone Fine Grained
37.5	681.8	Shale Gray
41.8	677.6	Sandstone Medium Grained
48.5	670.9	Shale Gray
52.1	667.2	Sand Coarse Grained Gray
59.4	659.9	Shale Greenish Gray
69.8	649.5	Sandstone Medium Grained
72.2	647.1	Shale Brownish Gray
75.0	644.3	Sandstone Medium Grained
77.1	642.2	Shale Gray
79.8	639.5	Sandstone Medium Grained
82.0	637.3	Shale & Coal Brown
83.2	636.1	Sandstone Medium Grained
84.4	634.9	Shale Gray
86.3	633.1	Sandstone Medium Grained
88.7	630.6	Shale Gray
90.5	628.8	Sandstone Medium Grained
95.4	623.9	Shale Green
103.0	616.3	Sandstone Medium Grained
103.9	615.4	Shale Gray
109.7	609.6	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-01 W5M**

Well Number **07317**

Well Owner: **Getzinger, Gerald**

Elevation (AMSL) (m): **722**

AEP: **357886**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,417.30**

Date Started: **22 May 91**

Northing: **5,933,479.00**

Date Completed: **22 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **142.8** Thickness (mm): **0.1**  
 Seal Type: **Other**  
 from (m): to **56.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **51.8** to **53.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **31.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.9	721.3	Topsoil
3.7	718.5	Sand & Gravel
14.9	707.3	Clay Brown
19.2	703.0	Shale Greenish Gray
21.6	700.6	Shale Brown
27.1	695.1	Sandstone Medium Grained
30.2	692.0	Shale Green
31.7	690.5	Coal
34.4	687.8	Shale Green
37.5	684.7	Siltstone
40.5	681.7	Shale Greenish Gray
43.3	678.9	Sandstone Medium Grained
45.7	676.5	Shale Gray
49.1	673.1	Sandstone Medium Grained
50.3	671.9	Shale Gray
53.6	668.6	Sand Coarse Grained Gray
56.4	665.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 11-053-01 W5M**

Well Number **07318**

Well Owner: **Giesbrecht, Bill/Linda**

Elevation (AMSL) (m): **721**

AEP: **366144**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,511.98**

Date Started: **31 Aug 92**

Northing: **5,933,355.50**

Date Completed: **01 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **12.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **47.9** to **49.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	720.4	Till
12.8	708.5	Clay Brownish Yellow
15.2	706.0	Shale Brownish Yellow
17.7	703.6	Shale Green
18.3	703.0	Siltstone Gray
20.7	700.5	Sandstone Gray
27.1	694.1	Shale Brownish Gray
28.7	692.6	Sandstone Gray
34.1	687.1	Shale Brown
35.0	686.2	Coal
36.6	684.7	Shale Brown
39.3	682.0	Shale Gray
39.6	681.7	Siltstone Gray
45.7	675.6	Shale Gray
46.3	674.9	Shale Brown
49.4	671.9	Sand Coarse Grained Gray
51.8	669.5	Sand Greenish Gray
53.3	667.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-01 W5M**

Well Number **07319**

Well Owner: **Graham, Peter**

Elevation (AMSL) (m): **733**

AEP: **366340**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,305.31**

Date Started: **28 Nov 91**

Northing: **5,933,160.00**

Date Completed: **28 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.0** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **24.4**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **25.9**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **19.8** Drawdown (m): **9.1**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	727.8	Till Brownish Yellow
7.3	725.3	Sand Fine Grained Brown
11.3	721.4	Clay Yellow
15.9	716.8	Clay Blue
20.1	712.5	Sand Coarse Grained Gray
21.6	711.0	Clay Blue
26.2	706.4	Sand & Coal Coarse Grained Gra
29.0	703.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-01 W5M**

Well Number **07320**

Well Owner: **Hausch, Fred**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368684**  
 Easting: **63,256.82**  
 Northing: **5,933,263.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 11-053-01 W5M**

Well Number **07321**

Well Owner: **Hausche, Fred**

Elevation (AMSL) (m): **732**

AEP: **377770**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **63,256.82**

Date Started: **30 Jan 93**

Northing: **5,933,263.00**

Date Completed: **30 Jan 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **7.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.4**  
 from (m): **61.0** to **62.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **19.8**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	713.3	Silt Brown
29.0	702.7	Clay
33.5	698.1	Silt
62.5	669.2	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-01 W5M**

Well Number **07322**

Well Owner: **St. Germain, Ken**

Elevation (AMSL) (m): **727**

AEP: **387043**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **63,204.86**

Date Started: **21 Jun 94**

Northing: **5,933,353.00**

Date Completed: **28 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **32.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **67.1** to **70.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **121.9**  
 Perforated How: **Machine**  
 from (m): **73.2** to **85.3** Size:  
 from (m): **104.9** to **117.0** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **100.6**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **680.0**  
 Level End (m): **91.4** Drawdown (m): **59.1**  
 Rec'd intake (m): **103.6** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	722.2	Clay Yellow
6.7	720.7	Clay Brown
8.2	719.1	Sandstone
10.1	717.3	Clay Yellow
14.0	713.3	Shale Gray
14.6	712.7	Shale Green
17.4	710.0	Sandstone
18.9	708.5	Shale Gray
24.7	702.7	Sand Coarse Grained
25.9	701.5	Shale Gray
26.8	700.5	Shale Green
28.0	699.3	Shale Gray
31.4	696.0	Clay Gray
40.2	687.1	Sand & Coal Coarse Grained
64.3	663.1	Clay & Sand Gray
65.8	661.5	Shale & Coal Brown
68.9	658.5	Sandstone
70.4	657.0	Shale Green
72.2	655.1	Shale Gray
77.1	650.3	Sandstone
78.9	648.4	Shale Gray
84.7	642.6	Sandstone
93.9	633.5	Shale Green
96.3	631.1	Shale & Coal Brown
97.2	630.1	Shale Green
98.5	628.9	Sandstone
104.9	622.5	Shale Gray
113.4	614.0	Sandstone
116.7	610.6	Shale Green
119.5	607.9	Sandstone
121.9	605.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-01 W5M**

Well Number **07323**

Well Owner: **Letourneau, Gerry**

Elevation (AMSL) (m): **728**

AEP: **396998**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,854.77**

Date Started: **21 Jul 94**

Northing: **5,932,909.50**

Date Completed: **22 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **38.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **37.2** Bottom (m): **67.7**  
 Perforated How: **Saw**  
 from (m): **38.7** to **37.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **S5p4c02tl-02** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **20.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	715.5	Clay Silty Yellow
15.2	712.5	Clay Soft Blue
25.9	701.8	Sand & Coal
28.4	699.3	Clay Blue
31.4	696.3	Sand & Coal
37.5	690.2	Clay Blue
39.6	688.1	Shale Gray
41.2	686.5	Shale Brown
44.2	683.5	Shale Gray
52.4	675.3	Shale Sandy Gray
54.3	673.4	Shale Gray
57.0	670.7	Coal
61.6	666.1	Shale Gray
64.9	662.8	Shale Sandy Gray
66.1	661.6	Shale Brown
68.6	659.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-01 W5M**

Well Number **07324**

Well Owner: **Mclay, Earl**

Elevation (AMSL) (m): **723**

AEP: **357885**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,893.27**

Date Started: **29 Apr 91**

Northing: **5,932,437.00**

Date Completed: **01 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **72.2**  
 Perforated How: **Machine**  
 from (m): **51.8** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **13.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.1	713.2			Clay Yellow
12.2	711.1			Sand & Coal
15.2	708.0			Clay Soft Blue
25.0	698.3			Sand & Coal
33.5	689.7			Clay Blue
36.0	687.3			Clay Hard Blue
40.2	683.0			Sand
44.2	679.1			Clay Blue
45.7	677.5			Shale Green
51.8	671.4			Shale Gray
53.3	669.9			Shale & Coal Brown
61.9	661.4			Shale Gray
70.1	653.1			Shale Sandy Gray
73.2	650.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-12-053-01 W5M

Well Number 07325

Well Owner: **Alta Env #1292e**

Elevation (AMSL) (m): **703**

AEP: **369017**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **65,849.02**

Date Started:

Northing: **5,933,519.00**

Date Completed: **22 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
22.9	680.1	Clay Soft
24.4	678.6	Silt & Coal Soft
32.0	671.0	Silt Sandy
33.5	669.5	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 13-053-01 W5M**

Well Number **07326**

Well Owner: **Litzenberger, Craig**

Elevation (AMSL) (m): **697**

AEP: **379517**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **65,812.95**

Date Started: **28 Apr 94**

Northing: **5,934,980.50**

Date Completed: **28 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **64.3** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **42.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **64.3**  
 Perforated How: **Saw**  
 from (m): **44.2** to **62.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **18.6** Drawdown (m): **14.6**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	692.6			Clay Yellow
30.2	666.4			Clay Blue
33.2	663.3			Sand
35.4	661.2			Clay Blue
36.9	659.7			Shale Gray
39.0	657.5			Sandstone
44.5	652.0			Shale Green
45.4	651.1			Sandstone
48.8	647.8			Shale Green
52.7	643.8			Sandstone
56.7	639.9			Shale Gray
57.9	638.6			Shale Green
61.9	634.7			Sandstone
62.8	633.8			Shale & Coal Brown
64.3	632.2			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 13-053-01 W5M**

Well Number **07327**

Well Owner: **Lienau Brothers**

Elevation (AMSL) (m): **708**

AEP: **369754**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,678.68**

Date Started: **05 Jul 80**

Northing: **5,933,844.00**

Date Completed: **09 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **16.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **16.5** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	702.0	Clay Yellow
6.1	701.7	Stones
7.0	700.8	Clay Yellow
10.1	697.7	Clay Hard Blue
20.1	687.7	Shale Sandy Gray
20.7	687.1	Coal
23.8	684.0	Shale Brittle Gray
25.6	682.2	Shale Sandy Gray
36.3	671.5	Shale Brittle Gray
36.6	671.2	Hard Ledges
37.8	670.0	Shale Sandy Gray
40.2	667.6	Shale Brittle Green
40.8	666.9	Soapstone
44.8	663.0	Shale Brittle Brown
53.6	654.1	Shale Sandy Gray
62.2	645.6	Shale Brittle Brownish Green
65.8	642.0	Shale Sandy Gray
78.6	629.2	Shale Brittle Gray
78.9	628.8	Coal
80.5	627.3	Shale Brittle Gray
81.1	626.7	Coal
86.0	621.8	Shale Brittle Gray
92.7	615.1	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-01 W5M**

Well Number **07328**

Well Owner: **Cardnal, Doug**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **710**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410531**  
 Easting: **64,213.01**  
 Northing: **5,934,622.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **125.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **02 Mar 82**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1691</b>	SAR	Nickel
TDS	TKN	Selenium
Sodium <b>376.97</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>22.04</b>	TN	Vanadium
Magnesium <b>3.04</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>779.71</b>	Arsenic	Total Hardness <b>67.00</b>
Aluminum	Barium	Manganese
Sulphate <b>294.90</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>0.93</b>
Fluoride <b>0.63</b>	Chromium	Amm. Nitrogen
Iron <b>0.42</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>640.0</b>
Silica <b>9.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 14-053-01 W5M**

Well Number **07329**

Well Owner: **Adams, Brian**

Elevation (AMSL) (m): **720**

AEP: **443240**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **63,555.82**

Date Started: **10 Jul 95**

Northing: **5,933,852.50**

Date Completed: **10 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **39.6** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **54.9**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **39.0**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	714.1	Clay Brown
13.7	706.5	Clay Blue
21.3	698.9	Shale Gray
28.0	692.2	Shale Green
34.4	685.8	Shale Gray
37.2	683.0	Shale Brown
42.4	677.8	Sandstone
43.3	676.9	Coal Brown
55.5	664.7	Shale Gray
59.7	660.5	Shale Green
63.4	656.8	Sandstone
64.0	656.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 14-053-01 W5M**

Well Number **07330**

Well Owner: **Callaghan, Dr John C.**

Elevation (AMSL) (m): **720**

AEP: **367613**

Drilling Contractor: *Dutchys Ww Drlg*

Licence No.:

Easting: **63,555.82**

Date Started:

Northing: **5,933,852.50**

Date Completed: **15 Apr 66**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **49.7** Bottom (m): **49.7**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	714.1			Clay Sandy Brown
47.2	673.0			Silt
48.8	671.4			Clay Blue
57.9	662.3			Shale Green
70.1	650.1			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 15-053-01 W5M**

Well Number **07331**

Well Owner: **Sehkos Ltd C/O Copeland, Wayne**

Elevation (AMSL) (m): **727**

AEP: **363003**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **62,732.47**

Date Started: **14 Jan 92**

Northing: **5,934,814.50**

Date Completed: **13 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **126.5** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **66.4** Bottom (m): **66.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Grouted**  
 from (m): **62.5** to **103.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **62.5** Bottom (m): **103.6**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **102.1**  
**Testing:**  
 Rate (lpm): **3.4** Time (minute): **300.0**  
 Level End (m): **102.1** Drawdown (m): **68.0**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	702.6	Clay Sandy
32.0	695.0	Sand
36.6	690.4	Sand & Coal Fine Grained
42.1	684.9	Clay Silty
51.8	675.2	Sand & Coal Fine Grained
56.4	670.6	Clay Silty
64.0	663.0	Till
68.6	658.4	Shale Green
74.7	652.3	Shale Dark Green
82.0	645.0	Shale Sandy Gray
84.7	642.3	Sandstone Fine Grained
86.9	640.1	Sandstone & Coal Fine Grained
88.4	638.6	Shale Gray
89.0	638.0	Coal
93.0	634.0	Shale Gray
95.1	631.9	Sand
96.0	631.0	Sandstone Gray
100.0	627.0	Shale Brown
105.5	621.5	Shale Green
106.4	620.6	Sandstone Gray
111.3	615.8	Shale Sandy Gray
119.8	607.2	Shale Greenish Gray
125.9	601.1	Sandstone Gray
126.5	600.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 15-053-01 W5M**

Well Number **07332**

Well Owner: **Alta Env #1695e**

Elevation (AMSL) (m): **736**

AEP: **369018**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **61,598.49**

Date Started:

Northing: **5,934,124.50**

Date Completed: **29 May 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	730.2	Clay Silty
12.2	724.1	Sand Oxidized
13.4	722.8	Sand Silty
33.5	702.7	Clay Sandy
34.1	702.1	Coal
42.7	693.6	Sand & Gravel Coarse Grained
54.9	681.4	Sand & Gravel Coarse Grained
77.4	658.8	Gravel Glacial
80.8	655.5	Sandstone
82.0	654.3	Shale Carbonaceous
85.3	650.9	Sandstone Bentonitic
88.4	647.9	Shale & Sandstone Ledges
91.4	644.8	Sandstone Bentonitic

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-01 W5M**

Well Number **07333**

Well Owner: **Barrett, Anthony**

Elevation (AMSL) (m): **753**

AEP: **404861**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,752.52**

Date Started: **19 Dec 94**

Northing: **5,935,123.50**

Date Completed: **19 Dec 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **71.3** to **72.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **72.8**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **33.2** Drawdown (m): **5.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.7	725.5	Clay Sandy Yellow
33.2	720.0	Clay Sandy Blue
49.1	704.2	Sand Silty
73.5	679.8	Sand Coarse Grained
74.4	678.9	Clay Blue
76.2	677.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-01 W5M**

Well Number **07334**

Well Owner: **Cormier, R**

Elevation (AMSL) (m): **754**

AEP: **366554**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **59,705.84**

Date Started: **13 Oct 92**

Northing: **5,935,117.50**

Date Completed: **15 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **36.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **58.5** to **60.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 7s45189** Intake (m): **57.9**

**Testing:**

Rate (lpm): **82.1** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **30.5**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.9	728.2			Clay Brown
35.0	719.1			Clay Sandy Brown
36.6	717.5			Clay Gray
39.6	714.5			Sand Fine Grained Gray
45.7	708.4			Coal
49.1	705.0			Sand Gray
50.3	703.8			Sand & Coal Gray
54.9	699.2			Clay & Sand Gray
56.4	697.7			Sand & Coal
59.4	694.7			Sand Gray
62.5	691.6			Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 16-053-01 W5M**

Well Number **07335**

Well Owner: **Litke, Jim**

Elevation (AMSL) (m): **757**

AEP: **350109**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,598.93**

Date Started: **24 Feb 90**

Northing: **5,935,076.50**

Date Completed: **25 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.7** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **71.0** Bottom (m): **71.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **64.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **71.0** to **72.5** Size: **0.12**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **300.0**  
 Level End (m): **54.9** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.8	732.9	Clay Sandy Yellow
49.4	707.2	Clay Sandy Blue
63.7	692.9	Sand Silty
65.2	691.4	Clay Blue
72.5	684.1	Sand Coarse Grained
74.7	682.0	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-01 W5M**

Well Number **07336**

Well Owner: **Vincent, Rick**

Elevation (AMSL) (m): **756**

AEP: **402546**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,243.38**

Date Started: **09 Jan 95**

Northing: **5,935,221.00**

Date Completed: **10 Jan 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **75.6** (m)  
 NPWL (m): **30.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **69.5** Bottom (m): **69.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **58.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **69.5** to **71.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **71.0**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **58.8** Drawdown (m): **28.7**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
32.3	723.7			Clay Sandy Yellow
35.7	720.3			Clay Blue
57.6	698.4			Sand
59.1	696.9			Clay Blue
72.8	683.1			Sand
75.6	680.4			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 16-053-01 W5M**

Well Number **07337**

Well Owner: **Weir, Brian/Meda**

Elevation (AMSL) (m): **759**

AEP: **369221**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,895.56**

Date Started: **13 Apr 93**

Northing: **5,935,128.00**

Date Completed: **14 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **38.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **68.6** Bottom (m): **68.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **68.6** to **70.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **300.0**  
 Level End (m): **67.1** Drawdown (m): **28.4**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
23.5	735.1			Till Brownish Yellow
37.5	721.1			Till Blue
47.2	711.4			Sand & Coal Brown
49.1	709.5			Clay Blue
73.2	685.5			Sand & Coal Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-053-01 W5M**

Well Number **07338**

Well Owner: **Alta Env #1915e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **755**  
 Licence No.:  
 Date Started: **26 Jul 79**  
 Date Completed: **26 Jul 79**  
 AEP: **372388**  
 Easting: **59,215.95**  
 Northing: **5,934,689.43**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	744.6	Silt Brown
30.5	724.8	Silt Gray
32.0	723.3	Sand & Coal
45.1	710.2	Sand Silty
67.1	688.2	Clay & Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 17-053-01 W5M**

Well Number **07339**

Well Owner: **Alta Env #1916e**

Elevation (AMSL) (m): **764**

AEP: **372387**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **59,132.65**

Date Started: **22 Jul 79**

Northing: **5,934,854.50**

Date Completed: **27 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	754.8	Silt Brown
28.7	735.3	Silt Gray
30.5	733.4	Sand & Coal
61.0	703.0	Clay & Sand
75.3	688.6	Sand
78.3	685.6	Siltstone
81.4	682.5	Sandstone
96.9	667.0	Siltstone
97.5	666.4	Shale
101.8	662.1	Sandstone
109.7	654.2	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-053-01 W5M**

Well Number **07340**

Well Owner: **Alta Env #1919e**

Elevation (AMSL) (m): **764**

AEP: **372385**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **59,132.65**

Date Started: **29 Jul 79**

Northing: **5,934,854.50**

Date Completed: **09 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **61.0**                      Bottom (m): **61.0**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **65.5**                      to **67.1**                      Size: **0.07**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **22.8**                      Time (minute): **120.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.7	735.3	Silt
30.5	733.4	Sand & Coal
61.0	703.0	Clay & Sand
67.1	696.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-053-01 W5M**

Well Number **07341**

Well Owner: **Alta Env #1920e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **764**      AEP: **372383**  
 Licence No.:                      Easting: **59,132.65**  
 Date Started: **10 Aug 79**      Northing: **5,934,854.50**  
 Date Completed: **11 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **74.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **71.6**                      Bottom (m): **71.6**  
 OD (mm): **141.2**                      Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m):                      to **68.9**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **71.6**                      to **74.7**                      Size: **0.01**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **182.4**                      Time (minute): **120.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
28.7	735.3	Silt
30.5	733.4	Sand & Coal
61.0	703.0	Clay & Sand
74.7	689.3	Sand

<b>Laboratory:</b>				<b>26 Nov 85</b>
pH (pH unit)	<b>7.73</b>	COD	<b>9.00</b>	Mercury
Cond. (µS/cm)	<b>980.0</b>	SAR	<b>1.20</b>	Nickel
TDS	<b>667.0</b>	TKN		<b>0.01</b>
Sodium	<b>59.80</b>	Nitrate		Selenium
Potassium	<b>4.69</b>	Nitrite		Strontium
Calcium	<b>138.28</b>	TN		Molybdenum
Magnesium	<b>39.88</b>	TC	<b>0.44</b>	Vanadium
Carbonate		DIC	<b>107.3</b>	Zinc
Bicarbonate	<b>511.87</b>	Arsenic		<b>0.04</b>
Aluminum		Barium	<b>0.10</b>	Hydroxide
Sulphate	<b>177.71</b>	Beryllium		Total Hardness
Chloride	<b>1.77</b>	Cadium	<b>0.01</b>	<b>480.00</b>
Fluoride	<b>0.13</b>	Chromium	<b>0.01</b>	Manganese
Iron	<b>3.83</b>	Cobalt	<b>0.01</b>	<b>0.26</b>
TOC	<b>4.00</b>	Copper	<b>0.01</b>	Phosphate
Silica		Lead	<b>0.04</b>	Ion Balance
				<b>1.02</b>
				Amm. Nitrogen
				<b>0.05</b>
				Total Phosphate
				Total Alkalinity
				<b>420.0</b>
				Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-053-01 W5M**

Well Number **07342**

Well Owner: **Alta Env #1921e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed: **14 Nov 79**  
 AEP: **368525**  
 Easting: **59,132.65**  
 Northing: **5,934,854.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **103.6** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-053-01 W5M**

Well Number **07343**

Well Owner: **Alta Env #1922e**

Elevation (AMSL) (m): **764**

AEP: **372389**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **59,132.65**

Date Started: **21 Aug 79**

Northing: **5,934,854.50**

Date Completed: **24 Aug 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **83.8** (m)  
 NPWL (m): **42.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **77.1** Bottom (m): **77.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **77.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **83.8**  
 Perforated How: **Machine**  
 from (m): **77.4** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **74.1**  
**Testing:**  
 Rate (lpm): **3.8** Time (minute): **460.0**  
 Level End (m): **68.3** Drawdown (m): **25.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	754.8		Silt
28.7	735.3		Silt Gray
30.5	733.4		Sand & Coal
61.0	703.0		Clay & Sand
73.8	690.2		Sand
79.2	684.7		Silt
82.9	681.0		Sandstone
83.8	680.1		Claystone

Laboratory:		<b>06 Jan 92</b>	
pH (pH unit)	<b>8.40</b>	COD	<b>16.00</b>
Cond. (µS/cm)	<b>90.00</b>	SAR	<b>0.60</b>
TDS	<b>51.00</b>	TKN	
Sodium	<b>6.90</b>	Nitrate	
Potassium	<b>6.65</b>	Nitrite	
Calcium	<b>6.61</b>	TN	
Magnesium	<b>1.09</b>	TC	
Carbonate	<b>3.30</b>	DIC	<b>5.70</b>
Bicarbonate	<b>40.88</b>	Arsenic	
Aluminum		Barium	<b>0.06</b>
Sulphate	<b>4.80</b>	Beryllium	
Chloride	<b>1.42</b>	Cadium	
Fluoride	<b>0.13</b>	Chromium	
Iron	<b>0.04</b>	Cobalt	
TOC	<b>7.60</b>	Copper	
Silica		Lead	
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-053-01 W5M**

Well Number **07344**

Well Owner: **Froland, Darren/Michele**

Elevation (AMSL) (m): **762**

AEP: **369403**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **58,926.30**

Date Started: **24 May 93**

Northing: **5,935,015.00**

Date Completed: **28 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **128.6** (m)  
 NPWL (m): **52.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **88.7** Bottom (m): **88.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **88.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **87.5** Bottom (m): **128.6**  
 Perforated How: **Saw**  
 from (m): **97.5** to **128.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **128.6**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **103.6** Drawdown (m): **51.5**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.7	734.6	Clay Sandy Yellow
29.9	732.5	Clay Sandy Blue
45.4	716.9	Sand
47.6	714.8	Clay Sandy Blue
55.8	706.6	Sand
66.1	696.2	Clay Blue
69.8	692.5	Sand
79.6	682.8	Clay Blue
90.2	672.1	Shale Green
91.7	670.6	Sandstone
96.9	665.4	Shale Green
99.4	663.0	Shale Gray
100.3	662.1	Sandstone
100.9	661.5	Shale & Coal Brown
103.0	659.3	Shale Gray
107.3	655.1	Sandstone
107.9	654.4	Shale & Coal Brown
115.2	647.1	Shale Gray
117.0	645.3	Sandstone
119.5	642.9	Shale Gray
127.1	635.2	Sandstone
128.6	633.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 17-053-01 W5M**

Well Number **07345**

Well Owner: **Garrett, Ron**

Elevation (AMSL) (m): **763**

AEP: **362184**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,096.59**

Date Started: **06 Dec 89**

Northing: **5,934,602.00**

Date Completed: **11 Dec 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **129.5** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **74.1** Bottom (m): **74.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **74.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **129.5**  
 Perforated How: **Other**  
 from (m): **91.4** to **125.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **85.3** Drawdown (m): **45.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.7	745.4			Clay Sandy Yellow
43.6	719.5			Sand
53.0	710.0			Clay Sandy Blue
67.1	696.0			Sand
74.1	689.0			Clay Blue
90.8	672.2			Shale Green
93.0	670.1			Sandstone
101.8	661.2			Shale Gray
108.5	654.5			Sandstone
118.0	645.1			Shale Gray
126.5	636.5			Sandstone
129.5	633.5			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 17-053-01 W5M**

Well Number **07346**

Well Owner: **Lenhardt, Lothar**

Elevation (AMSL) (m): **768**

AEP: **369222**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **58,892.25**

Date Started: **05 Apr 93**

Northing: **5,934,734.50**

Date Completed: **06 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **128.0** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **87.2** Bottom (m): **87.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **79.2** to **87.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **85.3** Bottom (m): **128.0**  
 Perforated How: **Hand Drill**  
 from (m): **109.7** to **128.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **128.0**

**Testing:**  
 Rate (lpm): **136.8** Time (minute): **480.0**  
 Level End (m): **70.1** Drawdown (m): **12.2**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.7	743.2	Till Brownish Yellow
37.5	730.4	Till Blue
71.9	695.9	Sand & Coal Gray
77.7	690.1	Clay Blue
80.2	687.7	Sand Brown
83.2	684.6	Clay & Rocks
88.1	679.8	Shale Green
91.1	676.7	Shale Gray
92.7	675.2	Shale Brown
96.0	671.8	Sandstone Fine Grained
103.0	664.8	Shale Fractured Gray
103.6	664.2	Coal
105.2	662.7	Shale Gray
107.0	660.9	Sandstone Medium Grained
108.8	659.0	Shale Brown
114.6	653.3	Sandstone Medium Grained
117.3	650.5	Shale Gray
119.8	648.1	Coal
120.7	647.2	Shale Brown
123.7	644.1	Shale Gray
128.0	639.8	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-053-01 W5M**

Well Number **07347**

Well Owner: **Smallwood, Don**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **363741**  
 Easting: **59,012.45**  
 Northing: **5,934,786.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **129.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-053-01 W5M**

Well Number **07348**

Well Owner: **Alta Env #1917e**

Elevation (AMSL) (m): **768**

AEP: **372386**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **58,383.57**

Date Started: **28 Jul 79**

Northing: **5,934,868.50**

Date Completed: **28 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
14.0	754.3	Silt
16.8	751.6	Sand & Coal
34.8	733.6	Sand & Coal
41.2	727.2	Clay & Sand
54.3	714.1	Sand & Coal
57.3	711.0	Sand
59.4	708.9	Shale
62.2	706.1	Sandstone
65.8	702.5	Siltstone
70.1	698.2	Sandstone
87.2	681.1	Siltstone
87.8	680.5	Shale
92.7	675.7	Siltstone
97.8	670.5	Sandstone
109.7	658.6	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-01 W5M**

Well Number **07349**

Well Owner: **Bourassa, Louis**

Elevation (AMSL) (m): **756**

AEP: **378267**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,207.28**

Date Started: **06 Jun 95**

Northing: **5,934,718.00**

Date Completed: **09 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **47.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **78.6** Bottom (m): **78.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **78.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **77.1** Bottom (m): **96.3**  
 Perforated How: **Saw**  
 from (m): **78.6** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **65.5** Drawdown (m): **18.0**  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.9	741.5	Clay Yellow
28.4	728.1	Clay Silty Blue
39.6	716.8	Clay Sandy Blue
42.4	714.1	Clay & Sand Blue
44.2	712.2	Clay Blue
49.1	707.4	Sand
71.9	684.5	Clay Soft Blue
73.5	683.0	Clay & Boulders
76.2	680.2	Clay Hard Blue
77.1	679.3	Shale Green
77.7	678.7	Shale Sandy Gray
80.2	676.3	Shale Green
85.0	671.4	Shale Sandy Gray
85.6	670.8	Shale Green
86.9	669.6	Shale Sandy Gray
87.5	669.0	Shale Brown
89.6	666.8	Shale Green
91.4	665.0	Shale Sandy Gray
92.7	663.8	Shale Green
96.3	660.1	Shale Sandy Gray
97.2	659.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-01 W5M**

Well Number **07350**

Well Owner: **Crayne, Phil**

Elevation (AMSL) (m): **768**

AEP: **412703**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,516.63**

Date Started: **20 Nov 95**

Northing: **5,935,039.50**

Date Completed: **21 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **35.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **46.9** to **48.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **McDonald** Intake (m): **47.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **39.9** Drawdown (m): **4.6**  
 Rec'd intake (m): **47.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
27.4	741.1			Clay Sandy Yellow
30.5	738.0			Clay Blue
50.6	717.9			Sand & Coal
52.7	715.8			Clay Blue
54.9	713.6			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-01 W5M**

Well Number **07351**

Well Owner: **Shultis, Ken/Deb**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **768**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364861**  
 Easting: **58,383.57**  
 Northing: **5,934,868.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 17-053-01 W5M**

Well Number **07352**

Well Owner: **Gartner, Horst (Max)**

Elevation (AMSL) (m): **749**

AEP: **418221**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,522.14**

Date Started: **14 Aug 95**

Northing: **5,934,260.00**

Date Completed: **14 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **63.1** to **64.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **64.6**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **29.3** Drawdown (m): **3.4**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.4	728.4	Clay Sandy Yellow
31.1	717.7	Clay Blue
64.9	683.9	Sand
65.8	683.0	Gravel
67.1	681.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 17-053-01 W5M**

Well Number **07353**

Well Owner: **Janzen, Randall**

Elevation (AMSL) (m): **760**

AEP: **361708**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **59,224.41**

Date Started: **31 Jul 91**

Northing: **5,933,880.50**

Date Completed: **31 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Irrigatio**  
 Completed Depth **50.3** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi 13 St** Intake (m): **33.5**

**Testing:**

Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **27.4** Drawdown (m): **6.1**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	751.1			Clay Silty Brown
12.2	748.1			Silt
27.4	732.9			Clay Blue
33.5	726.8			Clay Silty
50.3	710.0			Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-01 W5M**

Well Number **07354**

Well Owner: **Brown, Ray**

Elevation (AMSL) (m): **760**

AEP: **364904**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,205.80**

Date Started: **26 Feb 92**

Northing: **5,933,832.50**

Date Completed: **27 Feb 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.3** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **82.3** Bottom (m): **82.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **82.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.8** Bottom (m): **110.3**  
 Perforated How: **Other**  
 from (m): **91.4** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): **90.5** Drawdown (m): **49.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.6	745.6			Clay Sandy Yellow
35.7	724.6			Clay Sandy Blue
38.4	721.8			Sand
43.6	716.6			Clay Blue
53.6	706.6			Sand
66.4	693.8			Clay Sandy Blue
72.8	687.4			Sand
77.4	682.8			Clay Blue
90.8	669.4			Shale Green
92.1	668.2			Sandstone
96.9	663.3			Shale Gray
98.1	662.1			Sandstone
105.8	654.5			Shale Gray
106.4	653.9			Shale & Coal Brown
108.8	651.4			Sandstone
110.3	649.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 17-053-01 W5M**

Well Number **07355**

Well Owner: **Ervin, Lou**

Elevation (AMSL) (m): **764**

AEP: **355616**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,160.90**

Date Started: **20 Oct 90**

Northing: **5,933,927.00**

Date Completed: **22 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **43.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **77.7** Bottom (m): **77.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **77.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.8** Bottom (m): **109.7**  
 Perforated How: **Machine**  
 from (m): **85.3** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **79.2**

**Testing:**

Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **79.2** Drawdown (m): **36.0**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

22.6	741.5	Clay	Brown
50.3	713.7	Clay	Gray
55.2	708.8	Clay & Sand	
68.6	695.4	Sand	
73.5	690.6	Clay & Rocks	
73.8	690.2	Shale	Green
77.7	686.3	Shale	Fractured
81.7	682.3	Shale	Green
82.6	681.4	Shale	Gray
83.2	680.8	Sandstone	Gray
96.6	667.4	Shale	
99.1	664.9	Sandstone	Gray
103.3	660.7	Shale	Brown
103.9	660.1	Coal	
106.7	657.3	Shale	Brownish Gray
107.0	657.0	Coal	
109.7	654.3	Shale	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 17-053-01 W5M**

Well Number **07356**

Well Owner: **Fehr, William/Dorothy**

Elevation (AMSL) (m): **760**

AEP: **355053**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,549.27**

Date Started: **04 Jul 78**

Northing: **5,933,852.00**

Date Completed: **05 Jul 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **71.3**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **85.3**  
 Perforated How: **Torch**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **24.7**  
 Rec'd intake (m): **54.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
45.7	714.3			Clay Silty
50.3	709.7			Sand
56.7	703.3			Clay
59.4	700.6			Sand & Coal
70.4	689.6			Clay
72.5	687.5			Shale Gray
76.5	683.5			Sandstone Light Gray
77.7	682.3			Shale Gray
78.0	682.0			Sandstone Brown
79.2	680.8			Sandstone Light Gray
82.6	677.4			Shale
83.8	676.2			Sandstone Light Gray
85.3	674.7			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 17-053-01 W5M**

Well Number **07357**

Well Owner: **Hawkins, Mike**

Elevation (AMSL) (m): **772**

AEP: **355207**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,083.23**

Date Started: **23 Oct 90**

Northing: **5,934,361.50**

Date Completed: **25 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **128.0** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **85.3** Bottom (m): **85.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **85.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **82.3** Bottom (m): **127.1**  
 Perforated How: **Machine**  
 from (m): **82.3** to **127.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **91.4**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **85.3** Drawdown (m): **32.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
15.2	756.6	Clay	Yellow	
42.7	729.2	Clay	Blue	
61.0	710.9	Sand		
83.8	688.0	Clay	Blue	
86.9	685.0	Shale	Green	
88.4	683.5	Shale	Sandy Gray	
89.9	681.9	Shale	Green	
91.4	680.4	Shale	Sandy Gray	
95.1	676.8	Shale	Green	
96.0	675.8	Shale	Sandy Gray	
102.4	669.4	Shale	Green	
104.2	667.6	Shale	Sandy Gray	
116.7	655.1	Shale	Green	
117.0	654.8	Sandstone		
122.5	649.3	Shale	Soft Green	
128.0	643.8	Shale		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 17-053-01 W5M**

Well Number **07358**

Well Owner: **Scheck, Randy**

Elevation (AMSL) (m): **754**

AEP: **396999**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,636.82**

Date Started: **21 Apr 94**

Northing: **5,934,210.00**

Date Completed: **22 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **86.9** Bottom (m): **86.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **86.9**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **85.0** Bottom (m): **108.8**  
 Perforated How: **Saw**  
 from (m): **86.9** to **108.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **27.4**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
28.0	725.9	Clay Sandy Yellow
37.5	716.5	Clay Blue
38.7	715.2	Sand & Coal
49.7	704.3	Clay Blue
70.1	683.8	Clay & Sand
73.2	680.8	Clay Blue
76.2	677.7	Shale
80.8	673.2	Shale Sandy Gray
82.3	671.7	Shale Green
84.7	669.2	Shale Sandy Gray
89.9	664.0	Shale Green
96.0	657.9	Shale Sandy Gray
101.2	652.8	Shale Greenish Gray
107.9	646.1	Shale Sandy Gray
109.7	644.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-01 W5M**

Well Number **07359**

Well Owner: **Sorensen, Ole/Verna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **768**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356905**  
 Easting: **58,219.16**  
 Northing: **5,934,405.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**WH 17-053-01 W5M**

Well Number **07360**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **757**

AEP: **443251**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **58,349.75**

Date Started: **01 Nov 94**

Northing: **5,934,504.00**

Date Completed: **03 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **41.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.0** to **51.5** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **4.6**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	753.5	Clay & Silt Brown
8.8	748.6	Clay Brown
31.1	726.3	Clay Blue
36.0	721.5	Silt Brown
39.6	717.8	Clay Brown
51.5	705.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



01-18-053-01 W5M

Well Number 07361

Well Owner: **Alta Env #1450e**

Elevation (AMSL) (m): **765**

AEP: **369019**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **57,763.30**

Date Started:

Northing: **5,933,880.00**

Date Completed: **09 Jul 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
21.3	743.7	Silt Oxidized
28.4	736.7	Clay & Silt Lacustrine
36.6	728.5	Clay & Coal
42.7	722.4	Sand & Coal Fine Grained
46.0	719.0	Clay & Sand Interbedded
71.9	693.1	Coal
78.3	686.7	Clay & Coal Interbedded
79.2	685.8	Sandstone Fine Grained
82.9	682.1	Shale & Sandstone Interbedded
91.4	673.6	Shale & Siltstone Interbedded

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-053-01 W5M**

Well Number **07362**

Well Owner: **Binks, Dennis**

Elevation (AMSL) (m): **766**

AEP: **360259**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **57,504.02**

Date Started: **01 Aug 91**

Northing: **5,934,388.00**

Date Completed: **08 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **79.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **100.6**  
 Perforated How: **Machine**  
 from (m): **88.4** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jacuzzi**

Model: **18 Stage** Intake (m): **64.0**

**Testing:**

Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): **64.0** Drawdown (m): **36.6**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	747.7			Sand Silty
48.8	717.2			Clay Blue
57.9	708.1			Sand
73.2	692.8			Clay Blue
83.8	682.2			Shale Green
88.4	677.6			Sandstone
94.5	671.5			Shale Brown
100.6	665.4			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-053-01 W5M**

Well Number **07363**

Well Owner: **Cooke, E. Barry**

Elevation (AMSL) (m): **768**

AEP: **357394**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,210.25**

Date Started: **24 Apr 91**

Northing: **5,934,681.50**

Date Completed: **30 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **80.5** Bottom (m): **80.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring & Benton**  
 from (m): to **80.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **109.7**  
 Perforated How: **Other**  
 from (m): **85.3** to **106.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **91.4** Drawdown (m): **45.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	762.3	Clay Sandy Yellow
12.5	755.3	Sand Silty
25.0	742.8	Clay Sandy Blue
65.2	702.5	Sand
67.4	700.4	Clay Blue
72.2	695.5	Sand
75.6	692.2	Clay Blue
84.1	683.6	Shale Green
86.6	681.2	Shale Gray
90.8	676.9	Sandstone
94.8	673.0	Shale Gray
96.0	671.8	Shale & Coal Brown
100.0	667.8	Shale Gray
101.8	666.0	Shale & Coal Brown
106.4	661.4	Sandstone
109.7	658.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-053-01 W5M**

Well Number **07364**

Well Owner: **Paul, Cathy**

Elevation (AMSL) (m): **764**

AEP: **364230**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,257.13**

Date Started: **13 Apr 92**

Northing: **5,934,905.00**

Date Completed: **14 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **73.2** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **68.3** to **69.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
22.9	740.8		Clay Yellow
48.8	714.9		Clay Blue
71.0	692.7		Sand & Coal
73.2	690.6		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-01 W5M**

Well Number **07365**

Well Owner: **Fochler, Sandra**

Elevation (AMSL) (m): **758**

AEP: **355963**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,633.51**

Date Started: **04 Jul 90**

Northing: **5,934,208.00**

Date Completed: **05 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **61.0** to **62.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	743.2	Clay Yellow
33.5	724.9	Clay Blue
35.7	722.7	Sand & Coal
36.6	721.8	Clay Blue
40.2	718.2	Sand & Coal
44.2	714.2	Clay Blue
64.0	694.4	Sand & Coal Blue
68.6	689.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-01 W5M**

Well Number **07366**

Well Owner: **Kelder, John**

Elevation (AMSL) (m): **749**

AEP: **351057**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,436.62**

Date Started: **18 Jan 90**

Northing: **5,934,531.50**

Date Completed: **20 Jan 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **102.1** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.0** Bottom (m): **71.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **71.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.8** Bottom (m): **102.1**  
 Perforated How: **Other**  
 from (m): **73.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.1	735.5			Clay Sandy Yellow
46.9	701.7			Clay Sandy Blue
62.2	686.5			Sand
67.4	681.3			Clay Blue
69.5	679.2			Sandstone
72.8	675.8			Shale Green
75.6	673.1			Sandstone
82.9	665.8			Shale Gray
88.1	660.6			Sandstone
93.6	655.1			Shale Gray
96.0	652.6			Sandstone
96.6	652.0			Shale & Coal Brown
98.1	650.5			Sandstone
102.1	646.6			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-053-01 W5M**

Well Number **07367**

Well Owner: **Manko, Peter**

Elevation (AMSL) (m): **758**

AEP: **359720**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **56,841.34**

Date Started: **29 Jul 91**

Northing: **5,934,596.00**

Date Completed: **30 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **66.8** Bottom (m): **66.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **66.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **66.8** to **68.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.4	740.9	Till Brown
19.8	738.5	Sand Brown
25.3	733.0	Clay Brown
28.7	729.7	Sand Brown
29.6	728.8	Clay Yellow
33.2	725.1	Clay Soft Blue
38.1	720.2	Sand & Coal Fine Grained Brown
39.3	719.0	Clay Soft Blue
44.8	713.5	Sand & Coal Fine Grained Gray
56.1	702.2	Sand & Sandstone Fine Grained
57.3	701.0	Clay Blue
69.2	689.1	Sand & Coal Gray
71.6	686.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-053-01 W5M**

Well Number **07368**

Well Owner: **Monahan, Earl**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **761**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356907**  
 Easting: **56,775.71**  
 Northing: **5,934,830.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **63.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 18-053-01 W5M**

Well Number **07369**

Well Owner: **Winters, Anthony**

Elevation (AMSL) (m): **744**

AEP: **355054**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,706.95**

Date Started: **07 Dec 83**

Northing: **5,935,163.00**

Date Completed: **12 Dec 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **57.9** to **59.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	
35.7	708.4	Clay	Yellow
37.2	706.9	Clay	Blue
39.0	705.0	Sand	
42.4	701.7	Clay	Blue
47.9	696.2	Sand	See Comments
66.4	677.6	Sand & Coal	Coarse Grained
68.6	675.5	Clay	Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-01 W5M**

Well Number **07370**

Well Owner: **Bellhouse, Jim**

Elevation (AMSL) (m): **770**

AEP: **369223**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **57,800.42**

Date Started: **02 Apr 93**

Northing: **5,934,046.00**

Date Completed: **03 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **57.9** to **59.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **59.4**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **240.0**  
 Level End (m): **54.9** Drawdown (m): **9.1**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.1	742.5	Till Brownish Yellow
31.4	738.3	Clay Blue
44.5	725.2	Sand Gray
46.0	723.7	Clay Blue
48.5	721.2	Sand Gray
60.4	709.3	Sand & Coal Gray
61.9	707.8	Clay Blue
65.5	704.1	Sand & Coal Gray
67.1	702.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-01 W5M**

Well Number **07371**

Well Owner: **Brule, E/Heighton, Ralph**

Elevation (AMSL) (m): **767**

AEP: **365293**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **57,797.45**

Date Started: **04 Sep 75**

Northing: **5,933,746.00**

Date Completed: **05 Sep 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Puddled Clay**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **52.4** to **54.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	755.8	Clay Light
35.0	731.7	Clay Dark
54.9	711.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-01 W5M**

Well Number **07372**

Well Owner: **Harrison, Robert**

Elevation (AMSL) (m): **765**

AEP: **353492**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **57,237.55**

Date Started: **27 Nov 90**

Northing: **5,934,156.00**

Date Completed: **28 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **63.4** Bottom (m): **63.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **63.4** to **64.9** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
33.5	731.6	Clay Silty Yellow
36.0	729.1	Sand
42.7	722.4	Clay Blue
66.4	698.7	Sand & Coal
68.6	696.5	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-01 W5M**

Well Number **07373**

Well Owner: **Heighton, Ralph**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367144**  
 Easting: **57,600.18**  
 Northing: **5,933,855.70**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bentonite Product 28 Jun 92**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 18-053-01 W5M**

Well Number **07374**

Well Owner: **Heighton, Ralph**

Elevation (AMSL) (m): **767**

AEP: **365279**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **57,788.54**

Date Started: **02 Jun 92**

Northing: **5,933,746.00**

Date Completed: **23 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.9** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **34.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **60.0** to **61.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **57.9**

**Testing:**

Rate (lpm): **91.2** Time (minute): **360.0**  
 Level End (m): **57.9** Drawdown (m): **28.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	752.8			Clay Brown
16.1	750.4			Sand
23.8	742.8			Clay Brown
25.3	741.3			Sand
27.7	738.8			Clay Brown
34.4	732.1			Clay Gray
42.1	724.5			Sand & Clay Stringers
43.0	723.6			Coal
57.6	709.0			Sand & Clay Stringers
59.1	707.4			Sand & Coal
61.9	704.7			Sand Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 18-053-01 W5M**

Well Number **07375**

Well Owner: **Kainberger, Olga E.**

Elevation (AMSL) (m): **767**

AEP: **370018**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **57,356.36**

Date Started: **20 Aug 93**

Northing: **5,934,393.50**

Date Completed: **20 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **91.4** Bottom (m): **91.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **90.8** to **91.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **88.4** Bottom (m): **103.6**  
 Perforated How: **Hand Drill**  
 from (m): **92.4** to **102.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **103.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **480.0**  
 Level End (m): **88.4** Drawdown (m): **36.6**  
 Rec'd intake (m): **88.4** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
27.1	740.1			Till Brownish Yellow
32.0	735.2			Clay Blue
45.1	722.1			Sand Medium Grained Gray
47.2	720.0			Clay Blue
60.7	706.6			Sand & Coal Medium Grained Gra
62.5	704.7			Clay Blue
66.1	701.1			Sand & Coal Gray
90.2	677.0			Clay Blue
92.4	674.9			Shale Green
95.4	671.8			Sandstone Medium Grained
98.1	669.1			Shale Fractured Gray
100.0	667.2			Sandstone Medium Grained
101.5	665.7			Sandstone Coarse Grained
102.1	665.1			Shale Gray
102.7	664.5			Sandstone Coarse Grained
103.6	663.6			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 18-053-01 W5M**

Well Number **07376**

Well Owner: **Mattice, Ken/Jennifer**

Elevation (AMSL) (m): **767**

AEP: **379521**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **57,417.25**

Date Started: **27 Apr 94**

Northing: **5,934,366.50**

Date Completed: **27 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **37.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **56.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **56.4** to **57.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **57.9**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **7.3**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.7	746.4	Clay Sandy Yellow
24.7	742.5	Clay Blue
28.4	738.8	Sand Silty
36.0	731.2	Clay Blue
52.1	715.1	Sand Silty
57.9	709.3	Sand & Coal
59.4	707.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 18-053-01 W5M**

Well Number **07377**

Well Owner: **Fletcher, B./Hawken, G.**

Elevation (AMSL) (m): **740**

AEP: **418251**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,390.99**

Date Started:

Northing: **5,934,366.00**

Date Completed: **04 Oct 95**

**General:**

Type of Work: **Old Well-Test**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Puddled Clay**                      **04 Oct 95**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**SW 18-053-01 W5M**

Well Number **07378**

Well Owner: **Fletcher, B./Hawken, G.**

Elevation (AMSL) (m): **740**

AEP: **418065**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,389.51**

Date Started: **29 Sep 95**

Northing: **5,934,376.50**

Date Completed: **04 Oct 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **31.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **68.6** to **73.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **76.2** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g07** Intake (m): **67.1**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **35.4**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.0	733.2	Clay Brown
29.6	710.6	Clay Sandy Brown
53.6	686.6	Sand & Coal Fine Grained Gray
64.9	675.3	Sand Coarse Grained Gray
69.8	670.4	Clay Gray
71.6	668.6	Sandstone
73.8	666.4	Shale Green
78.3	661.9	Sandstone
78.9	661.3	Shale Green
81.7	658.5	Sandstone
82.6	657.6	Shale Green
83.8	656.4	Sandstone
85.6	654.6	Shale Green
87.2	653.0	Sandstone
89.0	651.2	Shale Brown
90.5	649.7	Shale Green
94.8	645.4	Sandstone
97.5	642.7	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 18-053-01 W5M**

Well Number **07379**

Well Owner: **Wendel, Jerry**

Elevation (AMSL) (m): **761**

AEP: **418250**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,809.81**

Date Started:

Northing: **5,934,094.50**

Date Completed: **04 Jul 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **49.1** Bottom (m): **49.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **49.1** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.7	749.8	Clay Yellow
21.3	739.2	Clay & Rocks Blue
41.2	719.4	Clay & Sand Blue
56.4	704.1	Sand & Coal

Laboratory:

**20 Feb 75**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>770.0</b>	SAR	Nickel
TDS	<b>464.0</b>	TKN	Selenium
Sodium	<b>8.05</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>84.97</b>	TN	Vanadium
Magnesium	<b>49.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>364.23</b>	Arsenic	Total Hardness <b>411.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>134.96</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.21</b>	Chromium	Amm. Nitrogen
Iron	<b>8.64</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>298.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

09-19-053-01 W5M

Well Number 07380

Well Owner: **Alta Env #1451e**

Elevation (AMSL) (m): **765**

AEP: **369020**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **57,796.52**

Date Started:

Northing: **5,936,233.50**

Date Completed: **09 Jul 75**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	758.9	Silt Lacustrine
9.1	755.9	Sand & Silt Soft
18.3	746.7	Sand & Silt Lacustrine
30.5	734.5	Clay & Coal Hard
40.8	724.2	Sand & Coal
55.5	709.5	Gravel
67.1	698.0	Shale & Siltstone
74.1	690.9	Clay & Coal Sandy
75.9	689.1	Coal
79.2	685.8	Siltstone & Sandstone Hard
85.3	679.7	Sandstone Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-01 W5M**

Well Number **07381**

Well Owner: **Duffy, Frank**

Elevation (AMSL) (m): **763**

AEP: **371133**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,903.67**

Date Started: **27 Jul 93**

Northing: **5,936,512.00**

Date Completed: **30 Jul 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **53.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **6.1** to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **59.4** to **61.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g0542z** Intake (m): **57.9**

**Testing:**

Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **57.9** Drawdown (m): **7.3**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

(BGL) (m)	(AMSL) (m)	Lithologic Description
28.4	734.5	Clay Brown
34.8	728.1	Clay Gray
42.1	720.8	Sand & Coal
43.3	719.6	Clay Gray
47.6	715.3	Sand & Coal
49.1	713.8	Clay Gray
53.3	709.5	Sand & Coal
58.2	704.6	Clay Gray
61.0	701.9	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-01 W5M**

Well Number **07382**

Well Owner: **Haley, P.**

Elevation (AMSL) (m): **758**

AEP: **373933**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **57,008.82**

Date Started: **12 Nov 93**

Northing: **5,936,332.50**

Date Completed: **16 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **64.0** to **65.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **76.2** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g07422** Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **30.5**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
23.8	733.9		Clay Brown
25.9	731.8		Clay Gray
56.1	701.6		Sand & Coal
62.2	695.5		Clay Gray
63.4	694.3		Shale Green
65.5	692.2		Sandstone
68.0	689.7		Shale Green
69.2	688.5		Sandstone
71.3	686.4		Shale Brown
73.2	684.6		Coal
74.7	683.0		Shale Brown
78.0	679.7		Sandstone
82.6	675.1		Shale Gray
85.0	672.7		Sandstone
86.0	671.8		Coal
87.2	670.5		Shale Gray
88.7	669.0		Shale Brown
91.4	666.3		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-01 W5M**

Well Number **07383**

Well Owner: **Lungren, Jocye**

Elevation (AMSL) (m): **755**

AEP: **360260**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,763.47**

Date Started: **10 Jul 91**

Northing: **5,936,430.00**

Date Completed: **10 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **47.2**

**Testing:**

Rate (lpm): **27.4** Time (minute): **240.0**  
 Level End (m): **44.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	745.7	Clay	Brown	
29.0	725.8	Clay	Blue	
50.3	704.5	Sand		

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 19-053-01 W5M**

Well Number **07384**

Well Owner: **Macdonald, Keith**

Elevation (AMSL) (m): **757**

AEP: **406435**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,874.68**

Date Started: **21 Feb 95**

Northing: **5,936,433.50**

Date Completed: **23 Feb 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment: **Bentonite Product 28 Feb 95**

**Casing:**

Type: **Plastic**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **62.5** to **64.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **54.9**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **18.3**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL) (m)</b>	<b>(AMSL) (m)</b>	<b>Lithologic Description</b>
32.6	724.1	Clay Brown
53.6	703.1	Sand Gray
55.2	701.5	Clay Gray
64.0	692.7	Sand & Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 19-053-01 W5M**

Well Number **07386**

Well Owner: **Von Muyden, P.**

Elevation (AMSL) (m): **753**

AEP: **390455**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,704.04**

Date Started: **08 Aug 94**

Northing: **5,936,416.00**

Date Completed: **10 Aug 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **55.5** to **58.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **59.4** to **65.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **48.8**

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **22.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.1	736.0	Clay	Brown	
45.4	707.6	Clay	Gray	
47.2	705.8	Sand	Coarse Grained	
56.1	697.0	Clay	Gray	
57.6	695.4	Sandstone		
59.1	693.9	Shale	Green	
64.9	688.1	Sandstone		
67.1	686.0	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 19-053-01 W5M**

Well Number **07387**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **772**

AEP: **443252**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **57,724.76**

Date Started: **05 Nov 94**

Northing: **5,935,729.50**

Date Completed: **05 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.3** to **54.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **7.6**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL) (m)</b>	<b>(AMSL) (m)</b>	<b>Lithologic Description</b>
9.1	763.1	Clay Brown
27.4	744.8	Clay Blue
33.5	738.7	Silt Blue
54.9	717.4	Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 19-053-01 W5M**

Well Number **07388**

Well Owner: **Clarke, Perry**

Elevation (AMSL) (m): **770**

AEP: **404863**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,466.44**

Date Started: **07 Dec 94**

Northing: **5,935,970.50**

Date Completed: **07 Dec 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **44.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.6** to **63.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **63.1**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **49.7** Drawdown (m): **5.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.3	747.3			Clay Sandy Yellow
45.4	724.1			Sand
50.0	719.6			Clay Blue
64.3	705.2			Sand
65.5	704.0			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 19-053-01 W5M**

Well Number **07389**

Well Owner: **Johnston, Raymond**

Elevation (AMSL) (m): **743**

AEP: **368884**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,267.25**

Date Started: **18 Mar 93**

Northing: **5,935,379.00**

Date Completed: **22 Mar 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **110.3** (m)  
 NPWL (m): **43.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **78.0** Bottom (m): **78.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **78.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.8** Bottom (m): **110.3**  
 Perforated How: **Saw**  
 from (m): **82.3** to **110.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **110.3**

**Testing:**

Rate (lpm): **11.4** Time (minute): **480.0**  
 Level End (m): **85.3** Drawdown (m): **41.8**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
20.7	722.0			Clay Sandy Yellow
63.4	679.3			Sand
68.0	674.7			Clay Blue
75.3	667.4			Sandstone
80.5	662.2			Shale Green
84.1	658.6			Sandstone
93.3	649.4			Shale Gray
94.2	648.5			Shale & Coal Brown
99.7	643.0			Shale Gray
103.0	639.7			Shale & Coal Brown
107.0	635.7			Sandstone
110.3	632.4			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 19-053-01 W5M**

Well Number **07390**

Well Owner: **Krebs, Wanda**

Elevation (AMSL) (m): **772**

AEP: **355617**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **57,724.76**

Date Started: **28 Nov 90**

Northing: **5,935,729.50**

Date Completed: **06 Dec 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **43.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.0** Bottom (m): **53.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.0** to **54.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **2.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	760.7	Clay Brown
26.5	745.7	Clay Gray
29.0	743.3	Coal
56.4	715.8	Sand Coarse Grained
61.0	711.3	Sand Fine Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-053-01 W5M**

Well Number **07391**

Well Owner: **Lummerding, Terry**

Elevation (AMSL) (m): **770**

AEP: **373929**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,844.59**

Date Started: **19 Nov 93**

Northing: **5,935,950.50**

Date Completed: **19 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cuttings**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.2** to **49.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m):  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	764.6			Clay Sandy Yellow
29.9	740.3			Clay Blue
44.8	725.3			Sand Silty
50.3	719.8			Sand Coarse Grained
51.8	718.3			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 19-053-01 W5M**

Well Number **07392**

Well Owner: **Day, Cecil**

Elevation (AMSL) (m): **736**

AEP: **418200**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **57,045.92**

Date Started: **21 Aug 95**

Northing: **5,935,683.00**

Date Completed: **22 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **90.5** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **55.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **90.5**  
 Perforated How: **Saw**  
 from (m): **66.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **90.5**

**Testing:**

Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **75.6** Drawdown (m): **55.2**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.8	723.5			Clay Sandy Yellow
31.1	705.2			Clay Sandy Blue
41.8	694.5			Sand
51.2	685.1			Clay Blue
53.6	682.6			Shale Gray
59.1	677.1			Shale Green
66.1	670.1			Shale Gray
68.0	668.3			Sandstone
75.9	660.4			Shale Gray
76.5	659.8			Shale & Coal Brown
86.3	650.0			Sandstone
87.5	648.8			Shale & Coal Brown
90.5	645.7			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-053-01 W5M**

Well Number **07393**

Well Owner: **Day, Cycil**

Elevation (AMSL) (m): **748**

AEP: **360114**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **56,518.38**

Date Started: **28 Jul 91**

Northing: **5,935,357.50**

Date Completed: **29 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.0** Bottom (m): **68.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **68.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **73.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.2	724.7	Clay Sandy Yellow
47.9	700.0	Sand
61.9	685.9	Clay Sandy Blue
69.5	678.3	Shale Green
75.3	672.5	Shale Gray
79.6	668.3	Sandstone
82.0	665.8	Shale Gray
84.1	663.7	Sandstone
88.1	659.7	Shale Gray
89.6	658.2	Sandstone
91.7	656.1	Shale Gray
93.3	654.6	Shale & Coal Brown
94.8	653.0	Shale Gray
96.0	651.8	Shale & Coal Brown
97.5	650.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 19-053-01 W5M**

Well Number **07394**

Well Owner: **Hays, Dave**

Elevation (AMSL) (m): **736**

AEP: **363004**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **56,544.83**

Date Started: **18 Dec 91**

Northing: **5,935,930.50**

Date Completed: **20 Dec 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **30.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **62.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **91.4**  
 Perforated How: **Other**  
 from (m): **9.1** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **600.0**  
 Level End (m): **48.8** Drawdown (m): **18.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.5	723.1	Clay Sandy Yellow
31.7	703.9	Clay Sandy Blue
33.8	701.8	Sand
37.2	698.4	Clay Sandy Blue
46.6	689.0	Sand
58.8	676.8	Clay Sandy Blue
66.4	669.2	Shale Green
71.9	663.7	Shale Gray
74.4	661.2	Sandstone
78.3	657.3	Shale Gray
80.2	655.5	Sandstone
82.6	653.0	Shale Green
85.0	650.6	Shale Gray
88.7	646.9	Sandstone
91.4	644.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-01 W5M**

Well Number **07395**

Well Owner: **Hays, David James**

Elevation (AMSL) (m): **735**

AEP: **361709**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **56,543.27**

Date Started:

Northing: **5,935,919.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 19-053-01 W5M**

Well Number **07396**

Well Owner: **Holmes, Herb**

Elevation (AMSL) (m): **732**

AEP: **364740**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **56,927.65**

Date Started: **04 May 92**

Northing: **5,935,543.00**

Date Completed: **06 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **56.4** to **58.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **70.1** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **5g05422** Intake (m): **67.1**

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **43.3**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.7	727.9	Clay Sandy Brown
7.3	724.3	Clay Brown
18.9	712.7	Clay Gray
32.6	699.0	Silt & Coal Gray
42.7	688.9	Silt Gray
45.7	685.9	Sand Gray
52.1	679.5	Till & Clay Gray
54.3	677.3	Sandstone Gray
56.7	674.9	Shale Green
58.2	673.4	Siltstone Gray
65.8	665.8	Shale Gray
67.7	663.9	Sandstone Gray
72.5	659.1	Shale Green
74.1	657.5	Sandstone Gray
77.1	654.5	Shale Gray
78.0	653.6	Sandstone Gray
80.8	650.8	Shale & Coal Brown
82.0	649.6	Sandstone Gray
82.6	649.0	Shale Green
84.1	647.5	Shale Green
89.0	642.6	Sandstone Gray
90.2	641.4	Shale Gray
91.4	640.2	Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-01 W5M**

Well Number **07397**

Well Owner: **Wilbee, Ron**

Elevation (AMSL) (m): **754**

AEP: **380518**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **56,312.96**

Date Started: **21 Oct 92**

Northing: **5,935,670.50**

Date Completed: **23 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **137.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Cuttings**  
 from (m): to **40.8**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **43.9** to **45.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **15.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.3	732.8	Clay Sandy Brown
29.9	724.2	Clay Blue
32.3	721.8	Sand Gray
33.5	720.6	Clay Blue
45.4	708.7	Sand & Gravel Gray
57.9	696.2	Clay Dry Blue
79.2	674.8	Shale Dry
80.8	673.3	Sandstone Dry
112.8	641.3	Shale Dry
113.7	640.4	Sandstone Dry
137.2	616.9	Shale Dry

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-01 W5M**

Well Number **07398**

Well Owner: **Alta Env #1914e**

Elevation (AMSL) (m): **775**

AEP: **360024**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **59,209.51**

Date Started: **25 Jul 79**

Northing: **5,936,520.50**

Date Completed: **25 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth: **103.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	757.5	Silt
36.0	739.2	Silt Sandy
42.4	732.8	Sand & Coal
61.6	713.6	Sand
62.8	712.4	Clay
71.9	703.3	Sand
76.5	698.7	Shale
80.8	694.4	Siltstone
90.5	684.7	Shale
97.8	677.3	Sandstone
103.6	671.6	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-01 W5M**

Well Number **07399**

Well Owner: **Baily, Bill/Wanda**

Elevation (AMSL) (m): **775**

AEP: **418222**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,206.43**

Date Started: **01 Nov 95**

Northing: **5,936,530.00**

Date Completed: **02 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.3** (m)  
 NPWL (m): **48.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.4** Bottom (m): **60.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **60.4** to **61.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.9**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **50.9** Drawdown (m): **2.4**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.5	759.0			Clay Sandy Yellow
22.9	752.6			Sand
32.6	742.9			Clay Yellow
62.8	712.7			Sand
64.3	711.2			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-01 W5M**

Well Number **07400**

Well Owner: **Fallis, Harold B**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364646**  
 Easting: **59,473.65**  
 Northing: **5,936,885.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-053-01 W5M**

Well Number **07401**

Well Owner: **Gallant, Don**

Elevation (AMSL) (m): **779**

AEP: **363005**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,834.36**

Date Started: **04 Jan 92**

Northing: **5,936,815.50**

Date Completed: **05 Jan 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **48.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **65.5** to **67.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **59.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **9.4**  
 Rec'd intake (m): **59.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	771.0	Clay	Sandy	Yellow
26.5	752.4	Clay	Sandy	Blue
36.9	742.0	Sand		
40.8	738.1	Clay		Blue
60.0	718.9	Sand		
61.9	717.0	Clay	Sandy	Blue
67.4	711.6	Sand		
73.2	705.8	Clay		Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 20-053-01 W5M**

Well Number **07402**

Well Owner: **Schuman, Brian/Dawna**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354516**  
 Easting: **59,209.51**  
 Northing: **5,936,520.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **68.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-053-01 W5M**

Well Number **07403**

Well Owner: **Schwark, Dennis**

Elevation (AMSL) (m): **779**

AEP: **354676**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **58,973.45**

Date Started: **09 Nov 90**

Northing: **5,936,716.00**

Date Completed: **10 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **69.8** Bottom (m): **69.8**  
 OD (mm): **142.8** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **69.8** to **71.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **63.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	775.1			Till
16.5	762.3			Clay Soft Brown
41.5	737.3			Clay Soft Blue
55.8	723.0			Sand & Coal Fine Grained Gray
59.7	719.1			Sand & Coal Coarse Grained Gra
60.4	718.4			Clay Blue
62.8	716.0			Sand & Coal Coarse Grained
71.0	707.8			Sand & Coal Coarse Grained Gra
73.2	705.6			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-01 W5M**

Well Number **07404**

Well Owner: **Stefure, Ron**

Elevation (AMSL) (m): **768**

AEP: **356119**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **59,351.15**

Date Started: **27 Oct 86**

Northing: **5,936,457.00**

Date Completed: **30 Oct 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **61.0** to **62.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	758.9	Clay
18.3	749.8	Clay & Silt
25.9	742.2	Sand See Comments
33.5	734.5	Till See Comments
48.8	719.3	Clay & Silt
54.9	713.2	Sand & Coal Fine Grained
61.0	707.1	Sand & Coal
62.5	705.6	Sand & Coal Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-01 W5M**

Well Number **07405**

Well Owner: **Zaplotynsky, Walter**

Elevation (AMSL) (m): **774**

AEP: **360262**

Drilling Contractor: *Barrhead Drilling 1991 Ltd.*

Licence No.:

Easting: **59,180.16**

Date Started: **07 Aug 91**

Northing: **5,936,467.00**

Date Completed: **13 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **115.8** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **76.8** Bottom (m): **76.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **76.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **115.8**  
 Perforated How: **Torch**  
 from (m): **103.6** to **115.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **18 Stage** Intake (m): **85.3**

**Testing:**

Rate (lpm): **9.1** Time (minute): **360.0**  
 Level End (m): **79.2** Drawdown (m): **29.0**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
30.5	743.1			Clay & Sand Yellow
54.9	718.7			Sand Brown
73.2	700.5			Sand & Gravel Brown
103.6	670.0			Shale & Silt Blue
115.8	657.8			Shale & Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 20-053-01 W5M**

Well Number **07406**

Well Owner: **Cane, Doug**

Elevation (AMSL) (m): **776**

AEP: **364199**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,633.12**

Date Started: **26 Feb 92**

Northing: **5,936,624.00**

Date Completed: **28 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **140.2** (m)  
 NPWL (m): **63.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **99.4** Bottom (m): **99.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **99.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **97.5** Bottom (m): **140.2**  
 Perforated How: **Saw**  
 from (m): **100.6** to **140.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **7s4518p-S2** Intake (m): **106.7**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **89.0** Drawdown (m): **26.8**  
 Rec'd intake (m): **106.7** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
22.6	753.6	Clay Brown
48.8	727.4	Till
57.9	718.3	Sand
65.2	711.0	Sand & Coal Coarse Grained
65.8	710.4	Coal
69.5	706.7	Sand & Coal
73.5	702.7	Shale Mixed
80.8	695.4	Sand
84.4	691.8	Shale Soft Gray
85.6	690.5	Shale Green
97.5	678.7	Shale Mixed
100.0	676.2	Shale Greenish Gray
108.5	667.7	Shale
109.4	666.8	Coal
114.0	662.2	Shale
114.6	661.6	Coal
115.5	660.7	Sandstone Gray
125.0	651.2	Shale
126.2	650.0	Coal
133.2	643.0	Shale
137.5	638.7	Sandstone Gray
140.2	636.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 20-053-01 W5M**

Well Number **07407**

Well Owner: **Goertzen, Ron**

Elevation (AMSL) (m): **776**

AEP: **352281**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,522.11**

Date Started: **13 Sep 90**

Northing: **5,936,517.00**

Date Completed: **18 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **134.1** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **100.9** Bottom (m): **100.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **100.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **99.1** Bottom (m): **134.1**  
 Perforated How: **Other**  
 from (m): **109.7** to **134.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **97.5** Drawdown (m): **41.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
42.1	733.6	Clay Sandy Yellow
58.5	717.1	Sand & Gravel
78.6	697.0	Clay Sandy Blue
87.5	688.2	Sand & Gravel
93.3	682.4	Clay Blue
112.2	663.5	Shale Gray
113.4	662.2	Sandstone
116.1	659.5	Shale Green
120.1	655.5	Shale Gray
123.4	652.2	Sandstone
124.1	651.6	Shale & Coal Brown
128.9	646.7	Shale Gray
132.3	643.3	Sandstone
134.1	641.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 20-053-01 W5M**

Well Number **07408**

Well Owner: **Sterling, Grant**

Elevation (AMSL) (m): **770**

AEP: **376749**

Drilling Contractor: *Arts, Rene Well Drilling & Servicing*

Licence No.:

Easting: **58,333.25**

Date Started: **21 Apr 93**

Northing: **5,936,407.00**

Date Completed: **24 Apr 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.6** Bottom (m): **53.3**  
 Perforated How:  
 from (m): **53.3** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.3** to **54.9** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **44.8** Drawdown (m): **0.6**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	745.8	Clay Brown
38.4	731.8	Clay Gray
40.2	729.9	Clay Hard Gray
51.8	718.4	Sand Coarse Grained
54.9	715.3	Gravel Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07409**

Well Owner: **Carsen, Robert K.**

Elevation (AMSL) (m): **766**

AEP: **358993**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **59,195.54**

Date Started: **28 Apr 92**

Northing: **5,935,701.50**

Date Completed: **04 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.6** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **52.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **52.4** to **54.0** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **.5 Hp** Intake (m): **49.4**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **54.0** Drawdown (m): **23.5**  
 Rec'd intake (m): **49.4** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	748.2	Clay Silty Brown
41.2	725.3	Clay Blue
48.8	717.7	Clay & Sand
50.9	715.6	Sand & Coal
54.9	711.6	Clay & Sand Silty
81.7	684.8	Clay Blue
82.9	683.6	Clay Brown
86.6	679.9	Clay & Rocks Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 20-053-01 W5M**

Well Number **07410**

Well Owner: **Carson, Robert/Kathryn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366998**  
 Easting: **59,195.54**  
 Northing: **5,935,701.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 20-053-01 W5M**

Well Number **07411**

Well Owner: **Delaney, Marty**

Elevation (AMSL) (m): **768**

AEP: **397003**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,062.83**

Date Started: **09 Sep 94**

Northing: **5,935,723.00**

Date Completed: **10 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.3** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **43.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **58.5** to **60.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **60.0**  
**Testing:**  
 Rate (lpm): **59.3** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **9.1**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	757.5	Clay Sandy Yellow
28.4	739.5	Clay Blue
39.0	728.9	Sand
43.0	724.9	Clay Blue
61.3	706.6	Sand
64.3	703.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07412**

Well Owner: **Gaboury, P**

Elevation (AMSL) (m): **771**

AEP: **360115**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **59,207.88**

Date Started: **13 Sep 91**

Northing: **5,935,499.32**

Date Completed: **13 Sep 91**

**General:**  
 Type of Work: **New Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.6** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment: **Bentonite Product 13 Sep 91**

**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.7** to **54.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **12.2**  
 Rec'd intake (m): **52.4** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	764.9	Clay Sandy Brown
19.8	751.2	Silt Brown
21.3	749.7	Clay & Sand Brown
26.8	744.2	Silt Gray
27.4	743.6	Coal Silty Gray
30.5	740.5	Clay Soft Gray
54.6	716.5	Sand & Coal Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07413**

Well Owner: **Geddes, D./Broersma, W.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **372600**  
 Easting: **59,127.91**  
 Northing: **5,935,628.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **56.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 20-053-01 W5M**

Well Number **07414**

Well Owner: **Geddes, David**

Elevation (AMSL) (m): **771**

AEP: **351283**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,135.57**

Date Started: **28 Mar 90**

Northing: **5,935,631.00**

Date Completed: **29 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **55.2** to **56.7** Size: **0.10**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **47.2** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
21.9	749.4	Clay	Yellow
35.0	736.3	Clay	Blue
36.3	735.1	Sand	
43.6	727.8	Clay	Blue
50.3	721.1	Sand	
53.3	718.0	Clay	Blue
57.9	713.5	Sand	
59.7	711.6	Clay	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07415**

Well Owner: **Herndier, Lynda**

Elevation (AMSL) (m): **762**

AEP: **351707**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,824.21**

Date Started: **05 Jul 90**

Northing: **5,935,640.00**

Date Completed: **09 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **123.4** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **90.2** Bottom (m): **90.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **90.2**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **90.2** Bottom (m): **122.5**  
 Perforated How: **Machine**  
 from (m): **90.2** to **122.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
29.0	733.5		Clay Yellow
32.9	729.5		Clay Blue
35.0	727.4		Coal Sandy
38.7	723.7		Clay Blue
59.4	703.0		Coal Sandy
89.9	672.5		Clay Blue
91.4	671.0		Shale Green
93.0	669.5		Shale Sandy Gray
93.9	668.6		Shale Brown
94.5	668.0		Shale Gray
96.0	666.4		Shale Sandy Gray
98.1	664.3		Shale Gray
99.4	663.1		Shale Sandy Gray
100.6	661.9		Shale Green
101.2	661.2		Shale & Coal Brown
103.6	658.8		Shale Gray
104.5	657.9		Shale & Coal Brown
110.6	651.8		Shale Gray
112.2	650.3		Shale Sandy Gray
116.7	645.7		Shale Green
118.3	644.2		Shale Sandy Gray
119.5	643.0		Shale & Coal Brown
121.3	641.1		Shale Green
123.4	639.0		Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07416**

Well Owner: **Humm, Lawrence/Mary**

Elevation (AMSL) (m): **770**

AEP: **363742**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,306.55**

Date Started: **06 Feb 92**

Northing: **5,935,554.50**

Date Completed: **07 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.7** to **54.3** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
21.3	748.9	Clay Silty Yellow
27.4	742.8	Clay Blue
54.9	715.4	Sand
57.9	712.3	See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-01 W5M**

Well Number **07417**

Well Owner: **Janke, Helmut/Alwine**

Elevation (AMSL) (m): **754**

AEP: **385512**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,034.76**

Date Started: **09 Jun 94**

Northing: **5,935,808.50**

Date Completed: **12 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **128.0** (m)  
 NPWL (m): **58.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **96.0** Bottom (m): **96.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **93.9** to **96.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **92.7** Bottom (m): **128.0**  
 Perforated How: **Hand Drill**  
 from (m): **107.3** to **128.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **109.7**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **109.7** Drawdown (m): **51.2**  
 Rec'd intake (m): **109.7** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
21.6	732.6	Till Brownish Yellow
37.5	716.7	Till Blue
48.2	706.1	Sand & Coal
49.7	704.5	Clay Blue
73.8	680.5	Sand & Coal Gray
85.0	669.2	Clay & Rocks Blue
86.9	667.4	Sand Gray
93.0	661.3	Sand & Rocks Coarse Grained
93.9	660.3	Clay Blue
100.3	653.9	Shale Greenish Gray
101.8	652.4	Sandstone Medium Grained
104.5	649.7	Shale Greenish Gray
105.8	648.5	Sandstone Fine Grained
107.6	646.6	Shale Gray
108.5	645.7	Coal
108.8	645.4	Shale Brown
110.3	643.9	Shale Green
110.6	643.6	Shale Brown
111.3	643.0	Coal
116.4	637.8	Sandstone Medium Grained
119.2	635.0	Shale Gray
119.8	634.4	Sandstone Fine Grained
121.0	633.2	Shale Gray
122.8	631.4	Coal
125.6	628.6	Shale Brownish Gray
126.2	628.0	Coal
126.8	627.4	Shale Brownish Gray
128.0	626.2	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 20-053-01 W5M**

Well Number **07418**

Well Owner: **Powell, Ian/Valerie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361710**  
 Easting: **59,065.39**  
 Northing: **5,935,965.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **114.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 20-053-01 W5M**

Well Number **07419**

Well Owner: **Macdonald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361711**  
 Easting: **58,729.15**  
 Northing: **5,935,637.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 20-053-01 W5M**

Well Number **07420**

Well Owner: **Mayo, Sean**

Elevation (AMSL) (m): **771**

AEP: **352015**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,408.86**

Date Started: **25 Jul 90**

Northing: **5,935,720.00**

Date Completed: **27 Jul 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **40.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **79.8** Bottom (m): **79.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **79.8**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **79.2** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **85.3** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **23.8**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
32.9	737.8		Clay
54.9	715.9		Sand
61.0	709.8		Sand Coarse Grained
74.7	696.1		Clay
78.9	691.8		Shale Fractured
80.8	690.0		Shale Gray
81.7	689.1		Shale
82.6	688.2		Sandstone Gray
83.8	686.9		Shale Green
90.5	680.2		Shale
93.3	677.5		Sandstone Gray
93.9	676.9		Coal
95.7	675.1		Shale
96.0	674.7		Coal
97.5	673.2		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-053-01 W5M**

Well Number **07421**

Well Owner: **Northcott, Dave**

Elevation (AMSL) (m): **768**

AEP: **397258**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **58,422.63**

Date Started: **04 Apr 94**

Northing: **5,935,690.50**

Date Completed: **08 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **118.6** (m)  
 NPWL (m): **27.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **96.9** Bottom (m): **96.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **96.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **96.0** Bottom (m): **118.6**  
 Perforated How: **Machine**  
 from (m): **100.3** to **118.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **94.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **360.0**  
 Level End (m): **94.2** Drawdown (m): **66.4**  
 Rec'd intake (m): **94.2** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.7	757.1	Clay Hard
22.9	744.9	Clay Sandy
32.0	735.7	Sand & Till
36.6	731.2	Sand & Coal Fine Grained
44.2	723.5	Till
50.3	717.4	Sand & Coal
54.3	713.5	Sand
56.4	711.3	Sand & Coal
68.6	699.1	Till
71.6	696.1	Sand & Coal
80.8	687.0	Till Sandy
86.9	680.9	Till
88.4	679.3	Shale Green
93.0	674.8	Shale Gray
100.6	667.1	Shale Greenish Gray
105.2	662.6	Shale Sandy Gray
110.3	657.4	Shale Gray
112.2	655.6	Shale Brown
112.8	655.0	Coal
113.4	654.3	Shale Brown
115.2	652.5	Shale Sandy Gray
117.3	650.4	Sandstone
118.6	649.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-053-01 W5M**

Well Number **07422**

Well Owner: **Northcott Ent**

Elevation (AMSL) (m): **773**

AEP: **369288**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **58,057.96**

Date Started: **19 Feb 93**

Northing: **5,935,431.50**

Date Completed: **25 Feb 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **116.7** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **84.7** Bottom (m): **84.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): **76.2** to **84.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **84.1** Bottom (m): **116.7**  
 Perforated How: **Saw**  
 from (m): **85.3** to **116.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **106.7**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): **106.7** Drawdown (m): **77.7**  
 Rec'd intake (m): **106.7** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	762.7	Clay Sandy
15.2	758.1	Clay & Sand
23.8	749.6	Clay Sandy
32.9	740.4	Sand & Till
38.1	735.2	Sand & Coal
45.7	727.6	Till Sandy
51.5	721.8	Sand & Coal
53.6	719.7	Sand
55.8	717.6	Sand & Coal
69.8	703.5	Till Sandy
71.3	702.0	Sand & Coal
80.2	693.2	Till Sandy
86.6	686.8	Shale Greenish Gray
87.8	685.6	Sandstone Soft Gray
104.2	669.1	Shale Greenish Gray
105.8	667.6	Shale Sandy Gray
110.3	663.0	Shale Gray
112.2	661.2	Shale Brown
112.8	660.6	Coal
113.4	660.0	Shale Brown
115.5	657.8	Sand Sandy Gray
116.1	657.2	Sandstone Soft Gray
116.7	656.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-053-01 W5M**

Well Number **07423**

Well Owner: **Swartz, Mike**

Elevation (AMSL) (m): **761**

AEP: **351058**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **58,698.52**

Date Started: **19 Jan 90**

Northing: **5,935,533.50**

Date Completed: **25 Jan 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **118.9** (m)  
 NPWL (m): **70.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **97.5** Bottom (m): **97.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **97.5**  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **94.5** Bottom (m): **118.9**  
 Perforated How: **Machine**  
 from (m): **97.5** to **118.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould** Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **1720.0**  
 Level End (m): **91.4** Drawdown (m): **21.3**  
 Rec'd intake (m): **96.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
24.4	736.6	Sand Brown
28.0	732.9	Coal
54.9	706.1	Sand Brown
56.4	704.6	Coal
67.1	693.9	Sand
70.1	690.9	Coal
85.3	675.6	Silt Gray
94.5	666.5	Clay
100.6	660.4	Shale Gray
106.7	654.3	Sandstone
111.3	649.7	Shale
118.9	642.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-053-01 W5M**

Well Number **07424**

Well Owner: **Tostowaryk, Jerry**

Elevation (AMSL) (m): **748**

AEP: **363255**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **58,207.25**

Date Started: **01 Sep 87**

Northing: **5,935,508.00**

Date Completed: **01 Sep 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **78.6** Bottom (m): **78.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **78.6**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **77.7** Bottom (m): **109.7**  
 Perforated How: **Other**  
 from (m): **77.7** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **76.2** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth</b>	<b>Elevation</b>	
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
62.5	685.7	Sand
65.5	682.6	Clay
70.7	677.5	Sand
73.8	674.4	Clay
89.9	658.3	Shale
92.7	655.5	Sandstone
97.5	650.6	Shale
98.8	649.4	Coal
107.3	640.9	Shale
107.6	640.6	Coal
109.7	638.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**16-21-053-01 W5M**

Well Number **07425**

Well Owner: **Ball, Gary #3 Well**

Elevation (AMSL) (m): **732**

AEP: **351989**

Licence No.:

Easting: **61,010.42**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Date Started: **15 Aug 90**

Northing: **5,936,513.88**

Date Completed: **20 Aug 90**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Cement**

**Casing:**  
 Type: **Steel**  
 Depth (m): **85.3**                      Bottom (m): **85.3**  
 OD (mm): **139.7**                      Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): **76.2**                      to **85.3**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m): **103.6**

**Testing:**  
 Rate (lpm): **9.1**                      Time (minute): **60.0**  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
45.7	686.3	Clay Brown
62.5	669.5	Sand
68.6	663.4	Clay Gray
71.6	660.4	Sand
73.8	658.2	Clay Gray
75.6	656.4	Shale Soft
77.4	654.6	Shale Gray
78.6	653.4	Sandstone
79.6	652.5	Shale Green
81.7	650.3	Shale Brown
82.3	649.7	Sandstone
82.6	649.4	Shale Gray
83.2	648.8	Shale Brown
84.1	647.9	Shale Gray
85.3	646.7	Shale Green
87.8	644.2	Shale Brown
89.6	642.4	Shale Gray
91.4	640.6	Sandstone Soft
93.0	639.0	Clay Sandy
93.9	638.1	Shale Brown
97.5	634.5	Shale Sandy
100.0	632.0	Sand & Gravel
106.7	625.3	Shale & Sandstone
108.2	623.8	Sand & Gravel Coarse Grained
108.8	623.2	Shale Brown
109.4	622.6	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



02-21-053-01 W5M

Well Number 07426

Well Owner: **Newton, Darryl**

Elevation (AMSL) (m): **770**

AEP: **412711**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **60,558.17**

Date Started: **14 Sep 83**

Northing: **5,935,617.50**

Date Completed: **16 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **76.2**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **73.2** Bottom (m): **91.4**  
 Perforated How: **Machine**  
 from (m): **73.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **61.6**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
22.9	747.0	Clay Sandy
75.3	694.5	Sand
80.8	689.0	Clay
88.4	681.4	Shale
89.3	680.5	Coal
89.9	679.9	Shale
90.2	679.6	Coal
91.4	678.4	Shale

Laboratory:		<b>09 Dec 83</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1515</b>	SAR	Nickel
TDS	<b>904.0</b>	TKN	Selenium
Sodium	<b>382.95</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>4.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>17.10</b>	DIC	Hydroxide
Bicarbonate	<b>976.77</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>10.09</b>	Beryllium	Phosphate
Chloride	<b>4.96</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.92</b>	Chromium	Amm. Nitrogen
Iron	<b>0.32</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>830.0</b>
Silica	<b>13.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-053-01 W5M**

Well Number **07427**

Well Owner: **Delhiki, Manfred**

Elevation (AMSL) (m): **733**

AEP: **443255**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **60,816.11**

Date Started: **08 Oct 95**

Northing: **5,936,491.00**

Date Completed: **08 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **83.5** Bottom (m): **83.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **76.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **83.5** to **85.0** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **123.1** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **36.6**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	730.0			Sand Silty
17.1	715.9			Clay Silty
38.4	694.6			Clay
59.4	673.6			Clay Silty
64.0	669.0			Silt Blue
85.3	647.7			Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-053-01 W5M**

Well Number **07428**

Well Owner: **Marmuir Ltd/Chartrand, Leo**

Elevation (AMSL) (m): **733**

AEP: **397093**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **60,816.11**

Date Started: **18 Oct 94**

Northing: **5,936,491.00**

Date Completed: **19 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **43.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **59.4** to **61.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **42.7** to **44.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **43.6** Drawdown (m): **0.0**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
29.3	703.8			Clay Sandy
31.4	701.6			Sand
36.0	697.1			Clay
42.1	691.0			Silt & Coal
77.7	655.3			Sand
79.2	653.8			Sand Silty

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 21-053-01 W5M**

Well Number **07429**

Well Owner: **Watters, Brad**

Elevation (AMSL) (m): **740**

AEP: **385515**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,759.38**

Date Started: **30 Jun 94**

Northing: **5,936,379.00**

Date Completed: **30 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **67.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.8** Bottom (m): **69.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **65.5** to **67.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **69.8** to **71.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **69.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **7.6**  
 Rec'd intake (m): **68.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.3	711.1	Till Brownish Yellow
43.6	696.8	Sand & Coal Fine Grained Brown
44.8	695.6	Till Blue
53.6	686.7	Sand & Coal Brown
54.9	685.5	Clay Blue
59.4	680.9	Sand & Coal Gray
60.0	680.3	Clay Blue
73.2	667.2	Sand & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 21-053-01 W5M**

Well Number **07430**

Well Owner: **Arlia, Antonio/Gina**

Elevation (AMSL) (m): **782**

AEP: **367343**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,911.54**

Date Started: **10 Nov 92**

Northing: **5,936,825.50**

Date Completed: **13 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **43.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **58.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **58.5** to **60.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **5.5**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
27.4	754.3	Clay Yellow
50.3	731.5	Sand & Coal
60.4	721.4	Sand Coarse Grained
73.2	708.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NH 21-053-01 W5M**

Well Number **07431**

Well Owner: **Gardner, Peter**

Elevation (AMSL) (m): **758**

AEP: **399728**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,041.42**

Date Started: **30 Aug 94**

Northing: **5,936,360.00**

Date Completed: **31 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **38.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **61.3** to **62.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **S5p4c02tl-02** Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **44.5** Drawdown (m): **6.1**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.9	736.3	Clay Yellow
25.9	732.3	Clay Blue
64.0	694.2	Clay & Sand
70.1	688.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-053-01 W5M**

Well Number **07432**

Well Owner: **Brown, Leonard**

Elevation (AMSL) (m): **734**

AEP: **370017**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,871.92**

Date Started: **10 Aug 93**

Northing: **5,936,445.50**

Date Completed: **11 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **125.7** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **54.9** to **61.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **64.0** to **65.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **65.5**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **36.0** Drawdown (m): **36.0**  
 Rec'd intake (m): **62.5** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	729.7			Sand
19.8	714.5			Silt Brown
30.8	703.5			Sand Fine Grained Brown
33.5	700.8			Clay Silty Brown
34.8	699.6			Coal
67.1	667.3			Sand Medium Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-053-01 W5M**

Well Number **07433**

Well Owner: **Garneau, Riel**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **782**      AEP: **365549**  
 Licence No.:                              Easting: **59,883.59**  
 Date Started: **01 Aug 92**          Northing: **5,936,892.00**  
 Date Completed: **04 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **138.4** (m)  
 NPWL (m): **44.5**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.3**      Bottom (m): **53.3**  
 OD (mm): **141.2**      Thickness (mm): **0.2**  
 Seal Type: **Cuttings**  
 from (m):      to **51.8**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **53.3**      to **54.9**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **41.1**      Time (minute): **180.0**  
 Level End (m): **48.8**      Drawdown (m): **4.3**  
 Rec'd intake (m): **53.3**      Rec'd Rate (lpm): **22.8**

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
15.2	766.9	Clay Sandy Brown
29.0	753.2	Clay Blue
51.8	730.4	Sand Coarse Grained Gray
54.9	727.3	Gravel
62.5	719.7	Clay Blue
99.1	683.1	Sand Coarse Grained Gray
105.2	677.0	Clay Blue
109.7	672.5	Shale
111.3	670.9	Sandstone
138.4	643.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 21-053-01 W5M**

Well Number **07434**

Well Owner: **Nowicki, Clayton**

Elevation (AMSL) (m): **782**

AEP: **364754**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,944.80**

Date Started: **15 May 92**

Northing: **5,936,911.50**

Date Completed: **15 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **70.1** to **71.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **71.6**

**Testing:**

Rate (lpm): **136.8** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **12.2**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	775.3			Clay Brownish Yellow
17.4	764.9			Silt Brownish Yellow
21.6	760.7			Till Blue
36.9	745.4			Sand Fine Grained Brown
41.2	741.2			Clay Soft Blue
73.2	709.2			Sand & Coal Medium Grained Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07435**

Well Owner: **Addey, Doug**

Elevation (AMSL) (m): **756**

AEP: **380521**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **60,985.37**

Date Started: **10 Nov 92**

Northing: **5,935,817.50**

Date Completed: **11 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Cuttings**  
 from (m): to **42.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **45.7** to **47.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley 7mg11** Intake (m): **45.7**

**Testing:**

Rate (lpm): **27.4** Time (minute): **360.0**  
 Level End (m): **44.2** Drawdown (m): **10.1**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
15.2	740.3	Clay Sandy Brown
24.4	731.2	Clay Blue
48.8	706.8	Sand Gray
50.3	705.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 21-053-01 W5M**

Well Number **07436**

Well Owner: **Harley, Susan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367901**  
 Easting: **60,818.11**  
 Northing: **5,935,790.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **72.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 21-053-01 W5M**

Well Number **07437**

Well Owner: **Hodgetts, Adrian**

Elevation (AMSL) (m): **768**

AEP: **385514**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **60,610.88**

Date Started: **31 May 94**

Northing: **5,936,024.50**

Date Completed: **01 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **89.0** Bottom (m): **89.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **89.3** to **89.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **87.2** Bottom (m): **109.7**  
 Perforated How: **Hand Drill**  
 from (m): **91.4** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **71.6** Drawdown (m): **30.5**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.0	761.0	Till Brownish Yellow
11.0	757.0	Sand Brown
24.7	743.3	Till Brownish Yellow
42.1	725.9	Till Soft Blue
44.8	723.2	Sand & Coal
46.0	722.0	Clay Blue
55.8	712.2	Sand & Coal
57.6	710.4	Clay Blue
82.6	685.4	Sand & Coal Fine Grained
89.3	678.7	Clay Blue
90.5	677.5	Shale Light Green
91.1	676.8	Sandstone Fine Grained
94.2	673.8	Shale Gray
94.5	673.5	Coal
95.1	672.9	Shale Brown
95.7	672.3	Shale Gray
99.1	668.9	Sandstone Medium Grained
101.8	666.2	Shale Greenish Gray
102.1	665.9	Shale Brown
103.3	664.7	Coal
103.9	664.0	Shale Brown
104.9	663.1	Sandstone Medium Grained
107.6	660.4	Shale Brownish Gray
108.8	659.2	Sandstone Medium Grained
109.7	658.3	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07438**

Well Owner: **Kupka, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356908**  
 Easting: **60,818.11**  
 Northing: **5,935,790.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 21-053-01 W5M**

Well Number **07439**

Well Owner: **Kupka, Gary**

Elevation (AMSL) (m): **771**

AEP: **397091**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,456.95**

Date Started: **02 Sep 93**

Northing: **5,935,662.00**

Date Completed: **07 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **47.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **47.2** to **48.8** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05412** Intake (m): **41.8**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **1.5**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	763.0	Clay Sandy Yellow
19.8	750.8	Clay Hard Yellow
29.0	741.7	Sand
32.0	738.6	Clay Yellow
49.7	720.9	Sand & Coal
54.9	715.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07440**

Well Owner: **Larsson, Roland**

Elevation (AMSL) (m): **770**

AEP: **357395**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **60,559.08**

Date Started: **17 Apr 91**

Northing: **5,935,628.00**

Date Completed: **22 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.7** Bottom (m): **70.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **70.7** to **72.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	766.4	Clay Sandy Yellow
10.4	760.0	Sand
27.7	742.6	Clay Sandy Yellow
30.5	739.8	Clay Blue
31.4	738.9	Sand
33.8	736.5	Clay Yellow
48.8	721.5	Sand
50.9	719.4	Clay Sandy Blue
64.3	706.0	Sand
65.8	704.5	Clay Sandy Blue
72.8	697.5	Sand Coarse Grained
73.2	697.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07441**

Well Owner: **Phillips, Ken**

Elevation (AMSL) (m): **771**

AEP: **365361**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,824.28**

Date Started: **24 Apr 85**

Northing: **5,935,506.86**

Date Completed: **26 Apr 85**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment: **Cuttings** **08 Jul 92**

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): to Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.3	760.0			Sand Fine Grained Brown
31.4	739.9			Clay Silty Yellow
32.0	739.3			Lost Circulation
41.5	729.9			Clay Yellow
51.5	719.8			Sand & Coal Fine Grained
52.7	718.6			Lost Circulation
54.9	716.5			Sand & Coal Gravelly
60.0	711.3			Sand Coarse Grained Brown
61.0	710.4			Clay Blue
67.1	704.3			Sand & Coal Lost Circulation
70.1	701.2			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SE 21-053-01 W5M**

Well Number **07442**

Well Owner: **Phillips, Ken**

Elevation (AMSL) (m): **762**

AEP: **365360**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,741.14**

Date Started: **30 Jun 92**

Northing: **5,935,804.00**

Date Completed: **07 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **131.1** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **90.8** Bottom (m): **90.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **88.4** to **90.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **88.4** Bottom (m): **131.1**  
 Perforated How: **Saw**  
 from (m): **100.6** to **131.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **100.6**

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **100.6** Drawdown (m): **51.8**  
 Rec'd intake (m): **100.6** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5	757.0	Clay Sandy Brown
19.5	743.0	Clay & Sand Brown
28.0	734.4	Sand & Coal Gray
53.3	709.1	Sand & Coal Silty
58.5	703.9	Clay Gray
62.2	700.3	Sand Fine Grained Gray
64.0	698.5	Sand Coarse Grained
65.8	696.6	Coal
88.4	674.1	Clay & Coal Sandy Gray
94.5	668.0	Shale Gray
95.1	667.4	Coal
97.2	665.2	Siltstone Gray
109.7	652.7	Shale Gray
110.3	652.1	Coal
114.6	647.9	Shale Gray
117.7	644.8	Sandstone Gray
119.2	643.3	Shale Green
123.1	639.3	Sandstone Gray
124.1	638.4	Coal
125.0	637.5	Shale Gray
127.7	634.8	Sandstone Gray
131.1	631.4	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 21-053-01 W5M**

Well Number **07443**

Well Owner: **Poudrier, Tom**

Elevation (AMSL) (m): **763**

AEP: **354046**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,402.18**

Date Started: **01 Jun 89**

Northing: **5,935,506.50**

Date Completed: **02 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.9** to **56.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	755.6	Clay Yellow
9.1	754.1	Sand Yellow
10.7	752.6	Clay Yellow
18.3	745.0	Sand Yellow
32.0	731.2	Clay Yellow
33.5	729.7	Clay Blue
57.0	706.3	Sand & Coal
59.4	703.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07444**

Well Owner: **Siebert, Cory**

Elevation (AMSL) (m): **765**

AEP: **397092**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,847.71**

Date Started: **01 Nov 93**

Northing: **5,935,814.50**

Date Completed: **01 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **37.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **52.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.7** to **54.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **41.5** Drawdown (m): **4.0**  
 Rec'd intake (m): **41.5** Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
32.0	732.8	Clay Sandy Yellow
33.5	731.3	Clay Blue
35.0	729.8	Sand
37.5	727.3	Clay Blue
42.7	722.1	Sand & Coal
47.2	717.6	Clay Blue
55.2	709.6	Clay & Sand
59.4	705.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-01 W5M**

Well Number **07445**

Well Owner: **Sirovyak, Kim T**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **763**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366041**  
 Easting: **60,399.21**  
 Northing: **5,935,494.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 21-053-01 W5M**

Well Number **07446**

Well Owner: **Wenckowski, Ron**

Elevation (AMSL) (m): **767**

AEP: **366234**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **60,818.11**

Date Started: **04 Aug 92**

Northing: **5,935,790.50**

Date Completed: **08 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.1** (m)  
 NPWL (m): **43.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.4** Bottom (m): **67.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **67.4** to **68.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **68.9**

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **57.9** Drawdown (m): **14.9**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
25.6	741.1	Clay Sandy Yellow
34.4	732.3	Clay Sandy Blue
36.6	730.1	Sand
40.2	726.5	Clay Blue
53.6	713.1	Sand & Coal
60.4	706.4	Clay Sandy Blue
74.4	692.3	Sand & Coal
94.8	671.9	Clay Blue
106.1	660.6	Sandstone Lost Circulation

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 21-053-01 W5M**

Well Number **07447**

Well Owner: **Ball, Gary**

Elevation (AMSL) (m): **770**

AEP: **351991**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,636.75**

Date Started: **23 Aug 90**

Northing: **5,935,687.00**

Date Completed: **24 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **62.5** Bottom (m): **62.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **62.5** to **64.0** Size: **0.15**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
29.0	741.3	Clay Yellow
39.6	730.6	Clay Blue
45.7	724.5	Sand
48.8	721.4	Clay Blue
65.5	704.7	Sand
70.1	700.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 21-053-01 W5M**

Well Number **07448**

Well Owner: **Ball, Gary #2 Well**

Elevation (AMSL) (m): **766**

AEP: **351990**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,015.74**

Date Started: **04 Jul 90**

Northing: **5,935,505.10**

Date Completed: **01 Aug 90**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment: **Unknown**

**Casing:**  
 Type: **Steel**  
 Depth (m): **91.4** Bottom (m): **91.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **61.0** to **74.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **109.7**  
 Perforated How: **Other**  
 from (m): **91.4** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **78.6**

**Testing:**  
 Rate (lpm): **27.4** Time (minute):  
 Level End (m): **76.2** Drawdown (m): **33.5**  
 Rec'd intake (m): **78.6** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
42.7	723.1	Clay	
57.9	707.9	Sand	
70.1	695.7	Sand & Gravel	
71.6	694.2	Clay	
73.2	692.6	Sand & Gravel	
74.7	691.1	Shale Gray	
76.2	689.6	Shale Green	
78.0	687.8	Shale Brown	
81.1	684.7	Shale Gray	
81.7	684.1	Shale Green	
82.9	682.9	Shale Brown	
84.4	681.4	Shale Gray	
86.9	678.9	Shale Brown	
89.0	676.8	Shale Green	
91.1	674.7	Shale Gray	
93.6	672.2	Shale Brown	
95.1	670.7	Shale Gray	
96.0	669.8	Sandstone	
100.6	665.2	Shale Gray	
102.4	663.4	Shale Brown	
103.6	662.2	Shale Green	
105.2	660.6	Sandstone	
108.8	657.0	Shale Gray	
109.7	656.1	Shale Brown	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 21-053-01 W5M**

Well Number **07449**

Well Owner: **Hertlein, Lionel**

Elevation (AMSL) (m): **765**

AEP: **364940**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,014.20**

Date Started: **10 Jun 92**

Northing: **5,935,687.00**

Date Completed: **11 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **54.0** to **55.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.9	739.3	Clay	Yellow	
35.0	730.1	Clay	Blue	
56.4	708.8	Clay & Coal	Sandy	
57.9	707.3	Clay	Blue	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 21-053-01 W5M**

Well Number **07450**

Well Owner: **Snyder, Glen**

Elevation (AMSL) (m): **765**

AEP: **364266**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,014.20**

Date Started: **22 Apr 92**

Northing: **5,935,687.00**

Date Completed: **23 Apr 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **64.0** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **55.2** to **56.7** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
32.0	733.2	Clay	Yellow	
36.6	728.6	Clay	Blue	
57.9	707.3	Sand & Coal		
64.0	701.2	Clay	Blue	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-01 W5M**

Well Number **07451**

Well Owner: **Cust, Jim**

Elevation (AMSL) (m): **748**

AEP: **353491**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,138.07**

Date Started: **20 Nov 90**

Northing: **5,935,742.50**

Date Completed: **21 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.1** Bottom (m): **49.1**  
 OD (mm): **143.5** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **49.1** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	746.4			Clay Yellow
4.0	744.0			Sand Fine Grained Yellow
12.2	735.8			Clay & Rocks Yellow
33.5	714.4			Clay Yellow
40.8	707.1			Clay Sandy Yellow
45.1	702.8			Sand & Coal
48.8	699.2			Clay Silty Blue
50.9	697.0			Sand
54.9	693.1			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-053-01 W5M**

Well Number **07452**

Well Owner: **Cust, Randy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **748**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356120**  
 Easting: **62,136.91**  
 Northing: **5,935,733.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-053-01 W5M**

Well Number **07453**

Well Owner: **Grey, Ralph**

Elevation (AMSL) (m): **755**

AEP: **373937**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **62,160.21**

Date Started: **01 Oct 93**

Northing: **5,935,675.00**

Date Completed: **01 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **34.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **51.5** Bottom (m): **51.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **51.5** to **53.0** Size: **0.12**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **52.4**

**Testing:**

Rate (lpm): **59.3** Time (minute): **260.0**  
 Level End (m): **38.7** Drawdown (m): **4.3**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.2	736.0			Clay Silty Yellow
20.7	734.4			Sand
30.8	724.4			Clay Sandy Yellow
33.8	721.3			Sand
36.3	718.9			Clay Sandy Yellow
37.5	717.7			Sand
39.0	716.2			Clay Blue
43.3	711.9			Sand
48.2	707.0			Clay Blue
53.6	701.5			Sand
54.9	700.3			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-053-01 W5M**

Well Number **07454**

Well Owner: **Mosher, Lyle**

Elevation (AMSL) (m): **753**

AEP: **369289**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,573.91**

Date Started: **28 Apr 93**

Northing: **5,935,749.50**

Date Completed: **29 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.6** Bottom (m): **57.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **57.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.0** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **54.0** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5	747.9	Clay Yellow
15.2	738.2	Sand Yellow
36.6	716.8	Clay Sandy Yellow
39.0	714.4	Sand & Coal
41.2	712.3	Clay Blue
42.1	711.4	Sand
46.6	706.8	Clay Blue
54.9	698.6	Sand & Coal
55.8	697.6	Clay Blue
57.0	696.4	Clay Yellow
58.8	694.6	Shale Green
61.0	692.5	Shale Sandy Gray
61.3	692.2	Shale Green
67.7	685.8	Shale Sandy Green
70.7	682.7	Shale Brittle Green
74.7	678.7	Shale Sandy Gray
78.6	674.8	Shale Green
80.8	672.6	Sandstone
82.3	671.1	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-053-01 W5M**

Well Number **07455**

Well Owner: **Smith, Bill**

Elevation (AMSL) (m): **756**

AEP: **393682**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **62,092.62**

Date Started: **28 Sep 94**

Northing: **5,935,510.50**

Date Completed: **28 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.3** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **52.1** Bottom (m): **52.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **52.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **52.1** to **53.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **5.2**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
33.5	722.5			Till Brown
35.0	720.9			Clay & Sand
50.3	705.7			Clay Sandy Gray
54.3	701.7			Sand Fine Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-053-01 W5M**

Well Number **07456**

Well Owner: **Smith, William**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **761**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **363743**  
 Easting: **62,372.30**  
 Northing: **5,935,697.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 22-053-01 W5M**

Well Number **07457**

Well Owner: **Withey, Warren**

Elevation (AMSL) (m): **757**

AEP: **397094**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,155.55**

Date Started: **06 Oct 93**

Northing: **5,935,477.00**

Date Completed: **08 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **37.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **37.5** to **39.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
27.4	729.2	Clay Silty Yellow
30.5	726.1	Clay Blue
40.5	716.1	Sand

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 24-053-01 W5M**

Well Number **07458**

Well Owner: **Jespersen, Norman**

Elevation (AMSL) (m): **719**

AEP: **399730**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,882.77**

Date Started: **17 Oct 94**

Northing: **5,936,551.00**

Date Completed: **19 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **52.4** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **54.3** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **S5p4c02tl-02** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **40.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	707.6	Clay Sandy Yellow
28.4	690.8	Clay Blue
38.1	681.1	Sand
41.2	678.0	Clay Blue
47.2	671.9	Sand
50.3	668.9	Clay Blue
51.8	667.3	Shale Greenish Yellow
54.0	665.2	Shale Sandy Gray
56.4	662.8	Shale Gray
59.4	659.7	Shale Sandy Gray
60.7	658.5	Shale & Coal Brown
71.0	648.1	Shale Gray
76.2	643.0	Shale Sandy Gray
90.8	628.3	Shale Green
93.9	625.3	Coal
96.0	623.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-053-01 W5M**

Well Number **07459**

Well Owner: **Jespersion, James**  
 Drilling Contractor: *D&D Water Well Drilling & Services*

Elevation (AMSL) (m): **718**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **418256**  
 Easting: **64,874.68**  
 Northing: **5,936,379.32**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 24 Oct 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 24-053-01 W5M**

Well Number **07460**

Well Owner: **Jespersion, James**

Elevation (AMSL) (m): **719**

AEP: **418260**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,881.15**

Date Started: **24 Oct 95**

Northing: **5,936,559.00**

Date Completed: **24 Oct 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **38.1** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **17.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **33.5** to **35.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **20.4** Drawdown (m): **8.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	701.9	Clay Sandy Yellow
26.5	692.4	Sand
28.7	690.3	Clay Blue
36.0	683.0	Sand
38.1	680.8	Clay Yellow

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 24-053-01 W5M**

Well Number **07461**

Well Owner: **Oliver, George/Pat**

Elevation (AMSL) (m): **710**

AEP: **377779**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **65,681.55**

Date Started: **18 Jan 94**

Northing: **5,936,077.50**

Date Completed: **18 Jan 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.3** Bottom (m): **39.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **28.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **39.3** to **40.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **40.8**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **11.0** Drawdown (m): **3.1**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.3	702.7	Clay Sandy Yellow
28.4	681.7	Clay Sandy Blue
42.1	668.0	Sand
44.2	665.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-01 W5M**

Well Number **07462**

Well Owner: **Vandal, Roland**

Elevation (AMSL) (m): **707**

AEP: **366235**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **65,411.89**

Date Started: **25 Aug 92**

Northing: **5,935,641.50**

Date Completed: **27 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.0** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **86.0**  
 Perforated How: **Saw**  
 from (m): **61.0** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **86.0**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **63.4**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	702.5			Sand
35.7	671.1			Clay Sandy Blue
39.9	666.8			Sand
50.0	656.8			Sand & Gravel
51.5	655.3			Clay Blue
57.3	649.5			Shale Gray
65.8	640.9			Sandstone
69.2	637.6			Shale Gray
70.7	636.1			Sandstone
78.0	628.8			Shale Gray
79.6	627.2			Sandstone
82.3	624.5			Shale Gray
84.1	622.7			Sandstone
86.0	620.8			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-01 W5M**

Well Number **07463**

Well Owner: **Muir Lake Alliance Church**

Elevation (AMSL) (m): **731**

AEP: **351059**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **65,938.46**

Date Started: **03 Oct 89**

Northing: **5,938,273.50**

Date Completed: **05 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.8** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.9** to **34.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **240.0**  
 Level End (m): **34.1** Drawdown (m): **19.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	719.5	Clay Sandy
14.6	716.4	Sand
28.0	703.0	Silt Sandy
28.7	702.4	Sand
32.0	699.1	Silt Sandy
34.1	696.9	Sand
34.8	696.3	Till

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-01 W5M**

Well Number **07464**

Well Owner: **Muir Lake School**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **363256**  
 Easting: **65,938.46**  
 Northing: **5,938,273.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-053-01 W5M**

Well Number **07465**

Well Owner: **Benning, Brian**

Elevation (AMSL) (m): **746**

AEP: **387044**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **63,112.04**

Date Started: **26 Jul 94**

Northing: **5,938,574.00**

Date Completed: **26 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **10.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.8** Bottom (m): **30.5**  
 Perforated How: **Saw**  
 from (m): **10.1** to **15.2** Size:  
 from (m): **16.5** to **18.6** Size:  
 from (m): **22.3** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **9.4**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **7.9** Drawdown (m): **4.6**  
 Rec'd intake (m): **10.1** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	741.3	Clay
5.2	740.6	Sandstone
5.8	740.0	Shale Gray
8.5	737.3	Shale Dark Gray
9.1	736.7	Sandstone Gray
10.4	735.5	Shale Green
11.0	734.9	Shale Brown
14.6	731.2	Sandstone Gray
16.5	729.4	Shale Gray
18.6	727.2	Sandstone Gray
19.2	726.6	Shale Brown
20.1	725.7	Sandstone Gray
20.4	725.4	Shale Brown
21.3	724.5	Sandstone Gray
22.6	723.3	Shale
24.7	721.1	Shale & Coal Brown
30.5	715.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 26-053-01 W5M**

Well Number **07466**

Well Owner: **Kelm, Henry**

Elevation (AMSL) (m): **746**

AEP: **354158**

Drilling Contractor: *Inglis Water Well Drilling*

Licence No.:

Easting: **63,112.04**

Date Started: **13 Oct 90**

Northing: **5,938,574.00**

Date Completed: **14 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **15.2** Bottom (m): **15.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **15.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **18.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **60.0**  
 Level End (m): **24.4** Drawdown (m): **21.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	744.3	Sand
5.5	740.3	Clay Sandy
10.7	735.2	Shale
12.2	733.6	Sandstone
15.2	730.6	Shale
16.8	729.1	Sandstone Hard
22.9	723.0	Sandstone
24.4	721.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 27-053-01 W5M**

Well Number **07467**

Well Owner: **Fuchs, Renee**

Elevation (AMSL) (m): **763**

AEP: **358453**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **61,432.88**

Date Started: **28 Jun 91**

Northing: **5,938,334.00**

Date Completed: **29 Jun 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **142.8** Thickness (mm): **0.1**  
 Seal Type: **Peltonite**  
 from (m): to **60.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **56.4** to **57.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **114.0** Time (minute): **420.0**  
 Level End (m): **47.2** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
2.1	761.2			Topsoil Brown
25.3	738.0			Clay Brown
29.6	733.8			Clay Blue
38.7	724.6			Sand Fine Grained Brown
41.2	722.2			Gravel
42.1	721.3			Clay Blue
49.4	713.9			Gravel
50.3	713.0			Clay Blue
52.1	711.2			Gravel
61.0	702.4			Sand & Coal Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 27-053-01 W5M**

Well Number **07468**

Well Owner: **Fuchs, Renne**

Elevation (AMSL) (m): **763**

AEP: **359721**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **61,432.88**

Date Started: **23 Jul 91**

Northing: **5,938,334.00**

Date Completed: **23 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **142.8** Thickness (mm): **0.1**  
 Seal Type: **Gravel Pack**  
 from (m): to **58.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **58.2** to **59.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **91.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	762.7	Topsoil
14.6	748.7	Clay Yellow
20.4	742.9	Till Brown
31.4	731.9	Sand Coarse Grained Brown
35.4	728.0	Clay Soft Brown
36.3	727.1	Sand & Coal Coarse Grained Bro
38.1	725.2	Clay Soft Blue
41.5	721.9	Sand Coarse Grained Brown
43.9	719.4	Sand & Gravel Coarse Grained
47.6	715.8	Clay Blue
57.0	706.3	Sand & Coal Coarse Grained Bro
58.2	705.1	Clay Blue
62.5	700.8	Sand & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 27-053-01 W5M**

Well Number **07469**

Well Owner: **Moosmann, Bernhard/Swiss Valle**

Elevation (AMSL) (m): **763**

AEP: **418223**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **61,432.88**

Date Started: **17 Aug 95**

Northing: **5,938,334.00**

Date Completed: **17 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.6** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **51.2** to **52.7** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **52.7**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **33.8** Drawdown (m): **7.3**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	758.4	Sand
24.7	738.6	Clay Sandy Yellow
26.5	736.8	Sand
31.1	732.2	Clay Blue
51.8	711.5	Sand
53.0	710.3	Sand & Gravel
53.6	709.7	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 27-053-01 W5M**

Well Number **07470**

Well Owner: **Wyndyme, Paul**

Elevation (AMSL) (m): **763**

AEP: **361180**

Drilling Contractor: **Kap'S Drilling Ltd.**

Licence No.:

Easting: **61,432.88**

Date Started: **23 Jul 91**

Northing: **5,938,334.00**

Date Completed: **26 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **108.2** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **72.8** Bottom (m): **72.8**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **72.8**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **72.5** Bottom (m): **108.2**  
 Perforated How: **Saw**  
 from (m): **73.2** to **108.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **71.9**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **41.5** Drawdown (m): **42.1**  
 Rec'd intake (m): **72.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.3	749.0	Clay Sandy Brown
18.9	744.4	Sand Gray
24.4	738.9	Clay Blue
29.3	734.1	Sand Coarse Grained Gray
33.5	729.8	Clay Blue
39.0	724.3	Sand Coarse Grained Gray
51.8	711.5	Gravel Coarse Grained
70.1	693.2	Sand Coarse Grained Gray
73.8	689.6	Shale
77.7	685.6	Sandstone
79.6	683.8	Shale
81.4	681.9	Sandstone
89.3	674.0	Shale
91.1	672.2	Sandstone
93.6	669.8	Shale
94.2	669.1	Coal
105.5	657.9	Shale
106.1	657.3	Coal
108.2	655.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-053-01 W5M**

Well Number **07471**

Well Owner: **Book, William A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **735**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **362185**  
 Easting: **62,335.93**  
 Northing: **5,937,175.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 27-053-01 W5M**

Well Number **07472**

Well Owner: **Spicer, Cliff**

Elevation (AMSL) (m): **735**

AEP: **399318**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **62,336.11**

Date Started: **24 Nov 94**

Northing: **5,937,181.00**

Date Completed: **28 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.7** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **66.4** Bottom (m): **66.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **62.5** to **66.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **106.7**  
 Perforated How: **Machine**  
 from (m): **94.5** to **106.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **47.2**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	724.2	Clay Brown
15.5	719.1	Clay Green
29.6	705.0	Clay Gray
45.1	689.5	Clay & Sand Gray
52.7	681.9	Sand & Gravel Coarse Grained
63.4	671.2	Sandstone
65.5	669.1	Shale & Coal Brown
68.0	666.6	Shale Green
69.5	665.1	Sandstone
72.2	662.4	Shale Gray
74.4	660.2	Sandstone
76.5	658.1	Shale & Coal Brown
88.1	646.5	Sandstone
90.2	644.4	Shale Gray
92.7	642.0	Shale Green
96.6	638.0	Shale Gray
103.9	630.7	Sandstone
106.7	627.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-053-01 W5M**

Well Number **07473**

Well Owner: **Dodd, Steve**

Elevation (AMSL) (m): **745**

AEP: **430913**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,023.82**

Date Started: **02 Nov 95**

Northing: **5,937,890.00**

Date Completed: **16 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **158.5** (m)  
 NPWL (m): **46.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **91.4** Bottom (m): **91.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **61.0** to **91.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **158.5**  
 Perforated How: **Machine**  
 from (m): **103.6** to **109.7** Size:  
 from (m): **121.9** to **146.3** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g07422** Intake (m): **112.8**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **86.9** Drawdown (m): **40.8**  
 Rec'd intake (m): **115.8** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	721.9	Till Sandy Brown
49.4	695.4	Clay Gray
51.2	693.6	Sand Fine Grained
57.9	686.9	Gravel Fine Grained
85.3	659.5	Clay & Sand Gray
89.9	654.9	Sand Coarse Grained
96.0	648.8	Shale Gray
97.5	647.3	Shale Brown
102.4	642.4	Shale Gray
103.6	641.2	Sandstone
106.7	638.1	Shale Gray
108.2	636.6	Shale & Coal Brown
111.3	633.5	Sandstone
113.1	631.7	Shale Gray
114.6	630.2	Shale & Coal Brown
116.7	628.1	Shale Gray
118.9	625.9	Coal
123.4	621.4	Shale Brown
125.6	619.2	Sandstone
127.1	617.7	Shale Gray
132.6	612.2	Sandstone
139.3	605.5	Shale Gray
142.3	602.5	Sandstone Silty
144.8	600.0	Shale Gray
147.2	597.6	Coal
153.9	590.9	Sandstone Silty
155.8	589.0	Shale Gray
156.4	588.4	Sandstone
158.5	586.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 28-053-01 W5M**

Well Number **07474**

Well Owner: **Funk, I.**

Elevation (AMSL) (m): **736**

AEP: **390456**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,566.11**

Date Started: **27 Jul 94**

Northing: **5,938,146.00**

Date Completed: **03 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **67.1** to **70.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **109.7**  
 Perforated How: **Machine**  
 from (m): **91.4** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **88.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **88.4** Drawdown (m): **60.0**  
 Rec'd intake (m): **88.4** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
15.5	720.8		Clay Brown
31.1	705.3		Clay Gray
33.8	702.5		Sand Gray
64.6	671.8		Clay & Sand Fine Grained Gray
67.4	669.0		Sandstone
69.2	667.2		Shale Brown
70.4	666.0		Shale Green
71.9	664.4		Sandstone
73.5	662.9		Shale Gray
75.0	661.4		Shale Brown
76.8	659.6		Sandstone
78.0	658.4		Shale Gray
80.2	656.2		Sandstone
82.6	653.8		Shale Gray
84.4	651.9		Shale & Coal Brown
93.0	643.4		Sandstone
105.2	631.2		Shale Gray
107.6	628.8		Sandstone
109.7	626.7		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 28-053-01 W5M**

Well Number **07475**

Well Owner: **Orr, Neil**

Elevation (AMSL) (m): **749**

AEP: **354047**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,918.20**

Date Started: **07 Dec 89**

Northing: **5,937,905.50**

Date Completed: **11 Dec 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **143.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **96.6** Bottom (m): **96.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **96.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **94.5** Bottom (m): **143.3**  
 Perforated How: **Machine**  
 from (m): **125.0** to **143.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 5g07**

Model: **Gould** Intake (m): **109.1**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **143.3** Drawdown (m): **118.9**  
 Rec'd intake (m): **109.1** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
42.7	706.1			Clay & Silt Sandy
57.9	690.8			Gravel
91.4	657.3			Sand & Clay Stringers
103.6	645.1			Shale Gray
108.2	640.6			Sandstone Soft
112.8	636.0			Shale Gray
113.7	635.1			Coal
115.8	632.9			Shale Brown
137.2	611.6			Shale Gray
143.3	605.5			Sandstone Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-01 W5M**

Well Number **07476**

Well Owner: **Dille, Les**

Elevation (AMSL) (m): **774**

AEP: **364871**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **59,927.14**

Date Started: **12 Mar 92**

Northing: **5,938,252.50**

Date Completed: **12 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **48.8** to **50.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **44.2**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	766.9			Clay Sandy Yellow
14.3	759.9			Clay Sandy Blue
20.4	753.8			Clay Sandy Yellow
34.4	739.8			Sand
39.0	735.2			Clay Yellow
50.3	723.9			Sand
51.8	722.4			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-01 W5M**

Well Number **07477**

Well Owner: **Holst, Dan/Nancy**

Elevation (AMSL) (m): **778**

AEP: **418224**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,798.56**

Date Started: **26 Sep 95**

Northing: **5,937,590.00**

Date Completed: **27 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **47.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.6** Bottom (m): **50.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **39.6** to **42.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.6** to **52.1** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **3.1**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	777.8	Topsoil
7.0	771.4	Sand Brown
21.0	757.3	Till Brownish Yellow
25.9	752.5	Sand & Coal Fine Grained Brown
29.6	748.8	Till Blue
33.8	744.5	Sand & Coal Brown
40.2	738.1	Sand & Coal Gray
41.2	737.2	Till Blue
45.1	733.3	Sand & Coal Coarse Grained Gra
58.2	720.2	Sand & Gravel
59.1	719.2	Clay Brown
67.1	711.3	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-01 W5M**

Well Number **07478**

Well Owner: **Jespersen, Loren**

Elevation (AMSL) (m): **771**

AEP: **351497**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,933.26**

Date Started: **12 Jun 90**

Northing: **5,938,111.50**

Date Completed: **14 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **61.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.7** Bottom (m): **97.5**  
 Perforated How: **Other**  
 from (m): **73.2** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.4	750.2	Clay Sandy Yellow
40.2	730.4	Sand
52.1	718.5	Sand & Gravel
56.7	713.9	Clay Blue
67.4	703.2	Shale Green
72.5	698.0	Shale Gray
82.0	688.6	Sandstone
88.7	681.9	Shale Green
94.8	675.8	Sandstone
97.5	673.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-01 W5M**

Well Number **07479**

Well Owner: **Malden, L.J**

Elevation (AMSL) (m): **778**

AEP: **353910**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,697.52**

Date Started: **10 Nov 82**

Northing: **5,937,504.00**

Date Completed: **10 Nov 82**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.4** (m)  
 NPWL (m): **31.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **49.4**  
 Perforated How: **Torch**  
 from (m): **47.9** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	772.9			Clay Sandy
5.2	772.3			Sand
10.1	767.4			Clay
35.0	742.5			Sand
35.7	741.8			Coal
41.2	736.4			Sand
41.5	736.1			Gravel
47.2	730.3			Sand
49.4	728.1			Sandstone Coarse Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 28-053-01 W5M**

Well Number **07480**

Well Owner: **Omer, Richard**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367903**  
 Easting: **59,966.94**  
 Northing: **5,937,983.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-01 W5M**

Well Number **07481**

Well Owner: **Tye, Tyler/Carol**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368859**  
 Easting: **59,873.56**  
 Northing: **5,938,070.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 28-053-01 W5M**

Well Number **07482**

Well Owner: **Alta Env #1913e**

Elevation (AMSL) (m): **774**

AEP: **360025**

Drilling Contractor: *Alberta Environment/Earth Sciences Divis*

Licence No.:

Easting: **59,935.21**

Date Started: **24 Jul 79**

Northing: **5,937,309.00**

Date Completed: **24 Jul 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use:  
 Completed Depth **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	766.2	Silt
22.3	751.6	Clay Silty
25.6	748.2	Sand & Coal
34.8	739.1	Clay Silty
42.1	731.7	Sand & Coal
46.6	727.2	Sand
55.5	718.3	Sand & Gravel
79.6	694.3	Sand
89.0	684.8	Siltstone
90.8	683.0	Sandstone
97.2	676.6	Siltstone
100.3	673.5	Sandstone
109.7	664.1	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07483**

Well Owner: **Cleland, Brian**

Elevation (AMSL) (m): **779**

AEP: **350630**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,031.28**

Date Started: **16 Apr 90**

Northing: **5,937,126.00**

Date Completed: **21 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.5** Bottom (m): **58.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **58.5** to **60.0** Size: **0.12**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **58.8**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **57.9** Drawdown (m): **4.6**  
 Rec'd intake (m): **58.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	774.9	Sand
6.1	773.4	Gravel
39.6	739.9	Clay Brown
44.2	735.3	Sand Silty Gray
53.3	726.1	Coal
61.0	718.5	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07484**

Well Owner: **Mcdonald, Chris/Dwayne**

Elevation (AMSL) (m): **774**

AEP: **397096**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **60,025.18**

Date Started: **06 Oct 94**

Northing: **5,937,227.00**

Date Completed: **06 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **53.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.8** Bottom (m): **62.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **47.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **62.8** to **64.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **64.3**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **53.0** Drawdown (m):  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.4	754.0	Clay Sandy Yellow
32.9	741.5	Clay Blue
42.4	732.1	Sand
47.9	726.6	Clay Blue
65.2	709.2	Sand
67.1	707.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07485**

Well Owner: **Morton, Darwin**

Elevation (AMSL) (m): **774**

AEP: **362106**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **59,935.21**

Date Started: **28 Nov 91**

Northing: **5,937,309.00**

Date Completed: **29 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **58.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **68.9** Bottom (m): **68.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to **73.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **68.9** to **70.4** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **480.0**  
 Level End (m): **65.5** Drawdown (m): **7.0**  
 Rec'd intake (m): **68.6** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	767.4	Till Brown
8.2	765.6	Sand Brown
19.8	754.0	Clay Brown
54.6	719.2	Clay Blue
59.1	714.7	Sand & Gravel Fine Grained Bro
60.7	713.2	Clay Blue
70.7	703.1	Sand & Coal Coarse Grained
73.2	700.7	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07486**

Well Owner: **Pipke, Keith**

Elevation (AMSL) (m): **772**

AEP: **397095**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **59,828.47**

Date Started: **09 Aug 94**

Northing: **5,937,364.00**

Date Completed: **15 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **1.8** to **36.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **53.3** to **54.9** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds 7g05** Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **1.5**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**  
 36.6 735.6 Clay  
 54.9 717.3 Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07487**

Well Owner: **Richards, Omar**

Elevation (AMSL) (m): **774**

AEP: **368661**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **59,935.21**

Date Started: **01 Dec 92**

Northing: **5,937,309.00**

Date Completed: **08 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **43.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **45.7** to **46.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **51.5**  
 Perforated How: **Machine**  
 from (m): **43.9** to **50.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **50.0** to **51.5** Size: **0.02**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Duro 5007** Intake (m): **50.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **360.0**  
 Level End (m): **44.5** Drawdown (m): **0.9**  
 Rec'd intake (m): **50.0** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
36.0	737.8	Sand
40.8	733.0	Clay Blue
53.3	720.5	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 28-053-01 W5M**

Well Number **07488**

Well Owner: **Saulter, Ted**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **778**      AEP: **368574**  
 Licence No.:      Easting: **59,680.56**  
 Date Started: **02 Jun 92**      Northing: **5,937,501.50**  
 Date Completed: **08 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **45.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3**      Bottom (m): **50.3**  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m):      to **42.7**  
**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **50.3**      to **51.8**      Size: **0.01**  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **31.9**      Time (minute): **240.0**  
 Level End (m): **46.9**      Drawdown (m): **1.5**  
 Rec'd intake (m): **50.3**      Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
33.5	744.4	Silt
36.6	741.4	Sand Fine Grained
39.6	738.3	Sand Coarse Grained
43.0	735.0	Clay Sandy
51.8	726.1	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 28-053-01 W5M**

Well Number **07489**

Well Owner: **Stanley, Andy/Connie**

Elevation (AMSL) (m): **773**

AEP: **379683**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,971.81**

Date Started: **11 Apr 94**

Northing: **5,937,933.00**

Date Completed: **12 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.5** (m)  
 NPWL (m): **43.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.3** Bottom (m): **71.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **71.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **105.5**  
 Perforated How: **Saw**  
 from (m): **82.3** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **91.4**

**Testing:**

Rate (lpm): **68.4** Time (minute): **300.0**  
 Level End (m): **68.9** Drawdown (m): **25.6**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
19.2	754.1			Clay Sandy Yellow
54.3	719.1			Sand
56.7	716.6			Clay Blue
70.4	702.9			Shale Green
73.5	699.9			Shale Gray
82.0	691.3			Shale Green
83.8	689.5			Sandstone
90.2	683.1			Shale Gray
100.9	672.4			Sandstone
105.5	667.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**WH 28-053-01 W5M**

Well Number **07490**

Well Owner: **Bisch, Bob**

Elevation (AMSL) (m): **762**

AEP: **365550**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,010.30**

Date Started: **29 Jun 92**

Northing: **5,937,539.50**

Date Completed: **30 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **60.4** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **55.8** Bottom (m): **55.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **55.8** to **57.3** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
30.5	731.7	Clay Sandy Yellow
33.5	728.7	Clay Blue
39.6	722.6	Clay & Sand Fine Grained Yello
57.9	704.3	Sand & Coal Coarse Grained
60.4	701.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**WH 28-053-01 W5M**

Well Number **07491**

Well Owner: **Laurentian Bank**

Elevation (AMSL) (m): **778**

AEP: **352489**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **59,978.28**

Date Started:

Northing: **5,937,136.50**

Date Completed: **27 Jul 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **50.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **74.7** Bottom (m): **74.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **70.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **74.7** to **76.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): **27.4** Time (minute): **480.0**  
 Level End (m): **70.1** Drawdown (m): **19.5**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	775.7			Clay
26.8	751.7			Sand Clayey
28.0	750.4			Sand
47.6	730.9			Sand Fine Grained
54.9	723.6			Sand Coarse Grained
64.6	713.9			Gravel
73.2	705.3			Clay Sandy
82.3	696.2			Sand Coarse Grained

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 29-053-01 W5M**

Well Number **07492**

Well Owner: **Eliesie, Brenda**

Elevation (AMSL) (m): **772**

AEP: **359722**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **59,461.88**

Date Started: **19 Aug 91**

Northing: **5,937,794.00**

Date Completed: **23 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **47.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **55.5** Bottom (m): **93.6**  
 Perforated How: **Machine**  
 from (m): **69.2** to **93.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **93.6** Drawdown (m): **46.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.6	764.5	Clay
12.2	759.9	Sand
22.9	749.3	Sand Silty
27.4	744.7	Clay & Sand Silty Gray
36.6	735.6	Sand Fine Grained Gray
50.3	721.8	Sand & Coal Coarse Grained
54.9	717.3	Till Silty
59.4	712.7	Shale Greenish Gray
62.5	709.7	Shale Sandy Gray
69.2	702.9	Shale Soft Green
70.1	702.0	Shale Sandy Gray
72.2	699.9	Shale Gray
73.2	699.0	Shale Green
76.2	695.9	Shale Greenish Gray
78.3	693.8	Shale Dark Gray
80.5	691.7	Shale Greenish Gray
81.1	691.1	Shale Brown
83.8	688.3	Shale & Sandstone Gray
86.0	686.2	Sandstone
88.4	683.7	Shale Gray
91.4	680.7	Shale & Coal Brown
93.6	678.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 32-053-01 W5M**

Well Number **07501**

Well Owner: **Cartney, Greg V.**

Elevation (AMSL) (m): **778**

AEP: **358322**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **59,441.34**

Date Started: **29 May 91**

Northing: **5,938,790.50**

Date Completed: **30 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **73.2** to **100.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.1	765.0	Clay Sandy Yellow
29.9	748.2	Sand
39.6	738.5	Clay Sandy Yellow
43.0	735.1	Sand & Gravel
50.6	727.5	Clay Sandy Blue
55.2	722.9	Sandstone
60.0	718.1	Shale Green
65.8	712.3	Shale Green
69.8	708.3	Shale Gray
70.7	707.4	Sandstone
78.6	699.5	Shale Gray
83.5	694.6	Sandstone
90.2	687.9	Shale Gray
100.0	678.1	Sandstone
103.6	674.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-053-01 W5M**

Well Number **07502**

Well Owner: **Daykin, Roy**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started: **04 Jun 91**  
 Date Completed: **08 Jun 91**  
 AEP: **363781**  
 Easting: **60,813.16**  
 Northing: **5,939,401.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **90.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **67.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **90.2**  
 Perforated How: **Machine**  
 from (m): **84.1** to **90.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **500sb** Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **360.0**  
 Level End (m): **70.1** Drawdown (m): **47.2**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
35.0	708.6	Clay Sandy
53.3	690.4	Clay Blue
67.1	676.6	Sand & Coal
68.6	675.1	Shale Gray
70.7	673.0	Shale Green
74.7	669.0	Shale
75.6	668.1	Shale Sandy
76.8	666.9	Shale
82.3	661.4	Shale Sandy
83.8	659.9	Shale
84.4	659.3	Sandstone Hard
89.3	654.4	Shale Brown
90.2	653.5	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-053-01 W5M**

Well Number **07503**

Well Owner: **Fellows, Joanne**

Elevation (AMSL) (m): **764**

AEP: **367297**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **60,540.54**

Date Started: **30 Nov 92**

Northing: **5,940,109.00**

Date Completed: **08 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **38.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **85.3** Bottom (m): **85.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **83.8** to **85.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **82.3** Bottom (m): **115.8**  
 Perforated How: **Saw**  
 from (m): **100.6** to **112.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi 7s4518** Intake (m): **97.5**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **97.5** Drawdown (m): **58.8**  
 Rec'd intake (m): **97.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.2	744.8	Clay Sandy Brown
45.7	718.3	Clay Gray
83.5	680.5	Silt & Coal
88.7	675.3	Shale Green
92.1	671.9	Shale Gray
95.4	668.6	Sandstone
96.6	667.4	Shale Brown
97.5	666.5	Coal
99.7	664.3	Shale Green
103.3	660.7	Sandstone
105.2	658.8	Shale Green
107.3	656.7	Shale Gray
110.0	654.0	Sandstone
112.5	651.5	Shale Brown
114.0	650.0	Sandstone
115.8	648.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-053-01 W5M**

Well Number **07504**

Well Owner: **Kerfoot, Wayne**

Elevation (AMSL) (m): **759**

AEP: **397097**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,446.28**

Date Started: **25 Jul 94**

Northing: **5,939,740.50**

Date Completed: **28 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **138.4** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **76.2**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **74.7** Bottom (m): **137.5**  
 Perforated How: **Saw**  
 from (m): **76.2** to **137.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **106.4**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **100.6** Drawdown (m): **72.2**  
 Rec'd intake (m): **106.4** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.4	731.2	Clay Hard Yellow
57.0	701.6	Clay Blue
71.0	687.6	Sand & Coal
76.5	682.1	Clay Blue
77.4	681.2	Shale Greenish Gray
79.8	678.8	Shale Sandy Gray
80.8	677.8	Shale Greenish Gray
82.3	676.3	Shale Sandy Gray
83.8	674.8	Shale Green
85.3	673.3	Shale & Coal Soft Brown
86.6	672.0	Shale Green
89.9	668.7	Shale Sandy Gray
91.4	667.2	Shale Gray
93.6	665.0	Shale Sandy Gray
96.0	662.6	Shale Gray
105.2	653.5	Coal
106.1	652.5	Shale Green
109.1	649.5	Shale Sandy Gray
110.0	648.6	Shale Brown
113.4	645.2	Shale Gray
115.8	642.8	Shale Sandy Gray
120.7	637.9	Shale Green
121.9	636.7	Sandstone
123.1	635.5	Shale Green
128.6	630.0	Sandstone
133.5	625.1	Shale Gray
134.7	623.9	Shale Sandy Gray
137.2	621.5	Coal
138.4	620.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 33-053-01 W5M**

Well Number **07505**

Well Owner: **Mcgraw, Jim**

Elevation (AMSL) (m): **742**

AEP: **368575**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **60,840.71**

Date Started: **02 Aug 92**

Northing: **5,939,468.00**

Date Completed: **06 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **66.1** Bottom (m): **66.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **8.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **89.3**  
 Perforated How: **Machine**  
 from (m): **77.1** to **89.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **9.1** Time (minute): **720.0**  
 Level End (m): **44.2** Drawdown (m): **30.5**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	733.8			Clay Sandy
22.6	719.8			Silt
32.9	709.4			Clay Blue
65.5	676.8			Silt
73.2	669.2			Shale
73.5	668.9			Sandstone
74.7	667.6			Shale & Coal Brown
83.5	658.8			Shale Sandy
85.0	657.3			Shale Brown
85.6	656.7			Coal
88.7	653.6			Shale Brown
89.3	653.0			Coal
93.0	649.4			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 33-053-01 W5M**

Well Number **07506**

Well Owner: **Duriez, Denise**

Elevation (AMSL) (m): **741**

AEP: **362767**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **60,531.74**

Date Started: **16 Sep 91**

Northing: **5,939,043.00**

Date Completed: **16 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **39.6** to **41.2** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
25.6	715.1	Clay	Yellow
26.8	713.9	Clay	Blue
41.8	699.0	Sand	
42.7	698.1	Clay	Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07507**

Well Owner: **Bull, G.**

Elevation (AMSL) (m): **756**

AEP: **359724**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,022.15**

Date Started:

Northing: **5,939,604.92**

Date Completed: **26 Aug 91**

**General:**

Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **85.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bentonite Product 26 Aug 91**

**Casing:**

Type: **Steel**  
 Depth (m):                      Bottom (m):  
 OD (mm): **114.3**              Thickness (mm): **0.1**  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 35-053-01 W5M**

Well Number **07508**

Well Owner: **Bull, G.**

Elevation (AMSL) (m): **757**

AEP: **359723**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **63,780.88**

Date Started: **21 Aug 91**

Northing: **5,939,498.50**

Date Completed: **26 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **82.0** Bottom (m): **82.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **80.5** to **82.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **88.4**  
 Perforated How: **Saw**  
 from (m): **82.3** to **88.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **5g05422** Intake (m): **76.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **170.0**  
 Level End (m): **76.2** Drawdown (m): **36.6**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	0.3	757.0		Topsoil
	20.7	736.5		Clay Sandy Brown
	33.5	723.7		Sand Brown
	42.4	714.9		Clay & Coal Brown
	44.2	713.1		Gravel
	45.1	712.1		Clay Sandy Gray
	48.2	709.1		Sand Gray
	49.1	708.2		Coal
	59.4	697.8		Clay & Sand Gray
	60.0	697.2		Silt
	66.8	690.5		Sand Gray
	69.8	687.5		Clay Gray
	76.8	680.4		Till Gray
	80.5	676.8		Sandstone Gray
	82.0	675.3		Shale Gray
	88.4	668.9		Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07509**

Well Owner: **Champion, Bill**

Elevation (AMSL) (m): **755**

AEP: **355619**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **64,121.91**

Date Started: **18 Oct 90**

Northing: **5,939,791.50**

Date Completed: **20 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **37.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **70.1** Bottom (m): **70.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **70.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.2** Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **73.2** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **76.2** Drawdown (m): **39.0**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	732.4	Clay Brown
63.4	691.8	Clay See Comments Blue
66.8	688.5	Shale Gray
68.6	686.6	Sandstone Gray
71.9	683.3	Shale Gray
72.5	682.7	Shale Brown
78.0	677.2	Sandstone Gray
82.9	672.3	Shale
83.5	671.7	Coal
84.7	670.5	Shale
87.2	668.0	Sandstone Gray
88.7	666.5	Shale
89.6	665.6	Sandstone Gray
99.7	655.6	Shale
102.1	653.1	Sandstone Gray
103.6	651.6	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-053-01 W5M**

Well Number **07510**

Well Owner: **Large, Don**

Elevation (AMSL) (m): **750**

AEP: **351084**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **64,023.74**

Date Started: **02 Jun 90**

Northing: **5,939,835.50**

Date Completed: **02 Jun 90**

**General:**

Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **47.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.1** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Grundfos** Intake (m): **40.8**

**Testing:**

Rate (lpm): **68.4** Time (minute): **240.0**  
 Level End (m): **30.5** Drawdown (m): **16.8**  
 Rec'd intake (m): **41.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	747.4			Clay Yellow
27.4	723.0			Clay Silty Blue
29.0	721.5			Sand Fine Grained
36.6	713.9			Clay Blue
37.8	712.7			Sand Fine Grained
40.5	709.9			Clay Blue
42.1	708.4			Sand Fine Grained
42.7	707.8			Sand Coarse Grained Gray
46.9	703.5			Clay Blue
48.2	702.3			Shale Gray
48.8	701.7			Shale & Coal Brown
54.9	695.6			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07511**

Well Owner: **Lepp, John K**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **754**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366445**  
 Easting: **63,832.55**  
 Northing: **5,939,675.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **45.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 35-053-01 W5M**

Well Number **07512**

Well Owner: **Phillips, Jamie**

Elevation (AMSL) (m): **755**

AEP: **352097**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,700.79**

Date Started: **15 Aug 90**

Northing: **5,939,985.50**

Date Completed: **15 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **65.2** Bottom (m): **65.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **65.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **62.2** Bottom (m): **79.2**  
 Perforated How: **Hand Drill**  
 from (m): **67.1** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **38.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.1	738.9			Clay Yellow
22.6	732.5			Clay Soft Blue
51.5	703.5			Sand Fine Grained Gray
57.6	697.4			Clay Blue
63.1	691.9			Sandstone Fine Grained
64.0	691.0			Shale Brown
64.9	690.1			Shale Gray
66.8	688.3			Sandstone
67.4	687.7			Shale Gray
68.0	687.1			Shale Bentonitic
69.8	685.2			Sandstone Fine Grained
75.3	679.8			Sandstone
78.0	677.0			Shale Gray
79.2	675.8			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 35-053-01 W5M**

Well Number **07513**

Well Owner: **Plitt, Doug**

Elevation (AMSL) (m): **758**

AEP: **360116**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,712.42**

Date Started: **12 Sep 91**

Northing: **5,939,608.00**

Date Completed: **12 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **74.4** Bottom (m): **74.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): **74.1** to **74.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.7** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **79.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Aymcdonald** Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **10.7**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
21.6	736.3	Till Brown
34.4	723.5	Sand & Coal Brown
38.7	719.2	Clay Yellow
47.2	710.7	Sand Gray
49.4	708.6	Clay Blue
66.4	691.5	Sand & Coal Coarse Grained Gra
73.8	684.2	Clay Blue
75.6	682.4	Shale Green
76.2	681.7	Shale Fractured Gray
78.0	679.9	Sandstone Fine Grained
78.6	679.3	Shale Brownish Gray
79.6	678.4	Coal
81.1	676.9	Shale Gray
83.8	674.1	Sandstone Medium Grained
85.0	672.9	Shale Green
91.4	666.5	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 35-053-01 W5M**

Well Number **07514**

Well Owner: **Poultney, Gordon**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356910**  
 Easting: **64,023.74**  
 Northing: **5,939,835.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07515**

Well Owner: **Regamey, Lyle**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364952**  
 Easting: **64,023.74**  
 Northing: **5,939,835.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **83.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07516**

Well Owner: **Sorensen, D**

Elevation (AMSL) (m): **764**

AEP: **366844**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **63,711.13**

Date Started: **13 Nov 92**

Northing: **5,939,507.50**

Date Completed: **17 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **77.1** Bottom (m): **77.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **75.6** to **77.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **76.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7gh07422** Intake (m): **48.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **22.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	761.3			Clay Brown
9.1	755.2			Clay Sandy Brown
27.4	736.9			Clay Brown
56.1	708.2			Sand & Coal
70.7	693.6			Clay Gray
72.2	692.1			Shale Gray
75.9	688.4			Sandstone Gray
76.5	687.8			Shale Gray
78.0	686.3			Shale Green
83.5	680.8			Sandstone Gray
85.3	679.0			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 35-053-01 W5M**

Well Number **07517**

Well Owner: **Spaidel, Brad**

Elevation (AMSL) (m): **754**

AEP: **360261**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **63,884.23**

Date Started: **16 Sep 91**

Northing: **5,939,829.00**

Date Completed: **18 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **68.6** Bottom (m): **68.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **66.8** to **68.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **85.3**  
 Perforated How: **Saw**  
 from (m): **70.1** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **37.2**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	744.7			Clay Sandy Brown
38.1	715.7			Clay Brown
41.2	712.7			Coal Silty
55.2	698.7			Coal Silty
64.3	689.5			Clay Dark Gray
65.5	688.3			Shale Green
67.1	686.8			Sandstone & Coal Gray
68.6	685.3			Shale Green
70.7	683.1			Shale Gray
72.2	681.6			Sandstone Gray
75.3	678.6			Shale Gray
76.2	677.6			Shale & Coal Brown
81.4	672.5			Sandstone
83.2	670.6			Shale
84.1	669.7			Coal
85.3	668.5			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 35-053-01 W5M**

Well Number **07518**

Well Owner: **Swanson, Dave/Rust, Donna**

Elevation (AMSL) (m): **749**

AEP: **366444**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **64,207.17**

Date Started:

Northing: **5,939,843.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 35-053-01 W5M**

Well Number **07519**

Well Owner: **West, Grant**

Elevation (AMSL) (m): **752**

AEP: **361094**

Drilling Contractor: *Reklow Water Well Drilling*

Licence No.:

Easting: **63,486.01**

Date Started: **16 Aug 91**

Northing: **5,940,070.00**

Date Completed: **20 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **21.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **66.1** Bottom (m): **66.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **66.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **13 Stage** Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **48.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	728.9	Clay & Rocks
53.3	698.4	Sand
57.9	693.8	Clay Light Brown
64.0	687.7	Shale Light Gray
74.7	677.1	Shale Sandy Light Gray
75.0	676.8	Sandstone
77.7	674.0	Shale Light Gray
78.3	673.4	Coal
82.9	668.8	Shale Dark Gray
85.3	666.4	Shale Light Gray
86.9	664.9	Shale Sandy
91.4	660.3	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-053-01 W5M**

Well Number **07520**

Well Owner: **Bernardin, Albert/Diane**

Elevation (AMSL) (m): **770**

AEP: **365424**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **63,155.39**

Date Started: **03 Jul 92**

Northing: **5,939,860.00**

Date Completed: **03 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **121.9** (m)  
 NPWL (m): **38.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **64.9** Bottom (m): **64.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **64.6** to **64.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.3** Bottom (m): **121.9**  
 Perforated How: **Hand Drill**  
 from (m): **85.3** to **119.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **121.9**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **28.4**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
26.5	743.2	Till Brownish Yellow
58.5	711.2	Sand & Gravel Coarse Grained
61.9	707.8	Clay Blue
66.4	703.2	Shale Light Gray
68.6	701.1	Sandstone Fine Grained
72.5	697.1	Shale Gray
74.1	695.6	Coal
78.0	691.7	Shale Gray
81.4	688.3	Sandstone Medium Grained
84.7	684.9	Shale Gray
88.1	681.6	Sandstone Medium Grained
90.5	679.2	Shale Gray
94.5	675.2	Sandstone Medium Grained
94.8	674.9	Shale Brown
95.1	674.6	Coal
95.4	674.3	Shale Brown
102.1	667.6	Sandstone Medium Grained
103.9	665.7	Shale Gray
113.1	656.6	Sandstone Medium Grained
114.6	655.1	Shale Gray
118.0	651.7	Sandstone Medium Grained
119.2	650.5	Coal
119.8	649.9	Shale Brown
121.9	647.8	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 35-053-01 W5M**

Well Number **07521**

Well Owner: **Cameron, Blair**

Elevation (AMSL) (m): **751**

AEP: **378925**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **64,342.24**

Date Started: **10 Nov 93**

Northing: **5,939,845.00**

Date Completed: **12 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **77.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
27.4	723.1			Clay Brown
33.5	717.0			Sand & Gravel
48.8	701.8			Clay Blue
54.9	695.7			Sand & Coal Brown
62.5	688.1			Shale Gray
64.0	686.6			Sandstone Blue
85.3	665.2			Shale
86.9	663.7			Sandstone Blue
91.4	659.1			Shale
94.5	656.1			Sandstone Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 35-053-01 W5M**

Well Number **07522**

Well Owner: **Fox Maple Homes/Fuhr**

Elevation (AMSL) (m): **776**

AEP: **372300**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **63,328.49**

Date Started: **24 Aug 93**

Northing: **5,939,722.00**

Date Completed: **30 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **32.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **78.9** Bottom (m): **78.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **76.2** to **78.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **100.6**  
 Perforated How: **Saw**  
 from (m): **82.3** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **73.2** Drawdown (m): **40.5**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
26.5	749.2			Clay Brown
29.3	746.5			Sand Gray
31.4	744.3			Clay Gray
72.8	702.9			Sand & Coal
74.7	701.1			Shale Green
77.4	698.3			Sandstone
80.2	695.6			Shale Green
82.6	693.1			Sandstone
84.7	691.0			Shale Brown
86.9	688.9			Sandstone
88.1	687.6			Shale Green
90.5	685.2			Shale Gray
97.2	678.5			Sandstone
100.6	675.1			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 35-053-01 W5M**

Well Number **07523**

Well Owner: **Maywood, John**

Elevation (AMSL) (m): **749**

AEP: **354048**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,264.88**

Date Started: **05 Jun 89**

Northing: **5,938,772.00**

Date Completed: **06 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **68.6** Bottom (m): **68.6**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **68.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **68.6** Bottom (m): **90.5**  
 Perforated How: **Machine**  
 from (m): **68.6** to **90.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.9	726.1	Clay Yellow
24.4	724.6	Sand Fine Grained
33.5	715.4	Clay Yellow
57.9	691.0	Sand & Coal
61.0	688.0	Clay Blue
64.0	684.9	Sand & Coal
67.7	681.3	Clay Blue
68.9	680.1	Shale Gray
70.7	678.2	Shale & Coal Brown
74.7	674.3	Shale Gray
79.2	669.7	Shale Sandy Gray
82.3	666.6	Shale Green
85.3	663.6	Shale Sandy Gray
86.6	662.4	Shale & Coal Brown
91.4	657.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-053-01 W5M**

Well Number **07524**

Well Owner: **Carter, James/Robinson D**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356911**  
 Easting: **65,141.71**  
 Northing: **5,939,917.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **106.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 36-053-01 W5M**

Well Number **07525**

Well Owner: **Fellows, D.**

Elevation (AMSL) (m): **752**

AEP: **399323**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,432.55**

Date Started: **21 Sep 94**

Northing: **5,939,812.50**

Date Completed: **23 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **61.0** to **64.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 7g07** Intake (m): **54.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **25.3**  
 Rec'd intake (m): **65.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.1	742.1	Clay	Brown	
18.9	733.3	Clay	Gray	
48.2	704.0	Clay & Sand	Gray	
52.7	699.5	Clay	Gray	
53.6	698.6	Shale	Gray	
54.6	697.6	Shale & Coal	Brown	
62.2	690.0	Sandstone		
64.6	687.6	Shale	Gray	
65.5	686.7	Shale	Gray	
68.6	683.6	Sandstone		
71.6	680.6	Shale	Gray	
72.8	679.4	Sandstone		
74.4	677.8	Shale	Gray	
77.1	675.1	Sandstone		
79.2	673.0	Shale	Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-053-01 W5M**

Well Number **07526**

Well Owner: **Grant, Alister**

Elevation (AMSL) (m): **748**

AEP: **365779**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,666.55**

Date Started: **27 Jul 92**

Northing: **5,939,356.50**

Date Completed: **29 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **61.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Red Jacket** Intake (m): **54.9**

**Testing:**

Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **36.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

39.3	708.2	Sand & Coal
52.1	695.4	Clay Gray
53.3	694.2	Shale Gray
54.0	693.6	Coal
54.9	692.7	Shale Brown
56.1	691.4	Coal
57.0	690.5	Shale Brown
58.2	689.3	Shale Gray
59.7	687.8	Sandstone Gray
61.6	686.0	Shale Gray
64.3	683.2	Shale Brown
65.8	681.7	Coal
68.0	679.6	Shale Gray
72.2	675.3	Sandstone Gray
74.1	673.5	Shale Green
75.3	672.2	Shale Brown
76.2	671.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-053-01 W5M**

Well Number **07527**

Well Owner: **Hill, Lawrence**

Elevation (AMSL) (m): **765**

AEP: **372467**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,497.02**

Date Started: **09 Jul 93**

Northing: **5,940,118.00**

Date Completed: **14 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **60.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **58.5** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **58.5** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **30.5**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
27.4	737.2	Clay & Sand Yellow
57.9	706.8	Clay Hard Blue
59.4	705.2	Shale & Coal Brown
62.5	702.2	Shale Gray
67.1	697.6	Shale Sandy Gray
71.6	693.1	Shale Gray
75.6	689.1	Shale Sandy Gray
76.2	688.5	Shale Gray
77.7	687.0	Shale & Coal Brown
79.8	684.8	Shale Gray
83.8	680.9	Sandstone
88.4	676.3	Shale Gray
89.9	674.8	Sandstone
91.4	673.2	Shale Green
96.0	668.7	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-053-01 W5M**

Well Number **07528**

Well Owner: **Pederson, Norm**

Elevation (AMSL) (m): **756**

AEP: **405632**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **65,062.92**

Date Started: **23 Feb 95**

Northing: **5,940,030.00**

Date Completed: **23 Feb 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **32.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **32.0** to **33.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **26.8** Drawdown (m): **4.0**  
 Rec'd intake (m): **32.9** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	737.3	Till Brown
25.9	729.7	Sand & Rocks
35.0	720.6	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 36-053-01 W5M**

Well Number **07529**

Well Owner: **Pollock, Blair**

Elevation (AMSL) (m): **752**

AEP: **377786**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **64,824.14**

Date Started: **30 Oct 92**

Northing: **5,939,803.00**

Date Completed: **02 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **114.3** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **64.0** to **67.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **114.3**  
 Perforated How: **Saw**  
 from (m): **97.5** to **114.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **109.7**

**Testing:**

Rate (lpm): **54.7** Time (minute): **1440.0**  
 Level End (m): **64.0** Drawdown (m): **32.0**  
 Rec'd intake (m): **109.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	744.3			Sand Silty
9.8	742.4			Gravel
29.6	722.6			Clay
37.2	715.0			Sand
42.1	710.1			Clay
47.6	704.6			Clay Silty
57.0	695.2			Clay Blue
64.0	688.2			Shale Gray
68.0	684.2			Shale Green
75.0	677.2			Shale Gray
86.3	665.9			Sandstone
93.0	659.2			Shale Gray
99.4	652.8			Sandstone
105.8	646.4			Shale Gray
110.6	641.5			Shale Green
114.3	637.9			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 36-053-01 W5M**

Well Number **07530**

Well Owner: **Veinot, Vern**

Elevation (AMSL) (m): **755**

AEP: **399734**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,699.98**

Date Started: **21 Oct 94**

Northing: **5,940,061.00**

Date Completed: **25 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **43.0** to **44.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **29.3** Drawdown (m): **5.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
21.3	734.1			Clay Yellow
25.3	730.1			Sand
29.0	726.4			Clay Yellow
32.6	722.8			Clay Blue
45.7	709.7			Sand & Coal
50.3	705.1			Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 36-053-01 W5M**

Well Number **07531**

Well Owner: **E & K Excavating**

Elevation (AMSL) (m): **738**

AEP: **377785**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **65,689.47**

Date Started: **26 Jan 93**

Northing: **5,939,242.50**

Date Completed: **26 Jan 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **4.0**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.4**  
 from (m): **24.4** to **25.9** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **18.3** Drawdown (m): **10.7**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	728.7	Sand	
13.7	724.1	Clay	
25.9	711.9	Sand	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-053-01 W5M**

Well Number **07532**

Well Owner: **Behringer, Debbie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354517**  
 Easting: **64,775.57**  
 Northing: **5,939,231.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **128.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 36-053-01 W5M**

Well Number **07533**

Well Owner: **Goetzle, C**

Elevation (AMSL) (m): **753**

AEP: **364973**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,484.27**

Date Started: **21 May 92**

Northing: **5,938,894.50**

Date Completed: **29 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **50.3** to **52.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **71.6**  
 Perforated How: **Saw**  
 from (m): **52.4** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould Sg05422** Intake (m): **47.2**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **47.2** Drawdown (m): **29.0**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
11.0	741.6	Clay Brown
11.6	741.0	Clay & Coal Brown
21.6	731.0	Sand & Coal Brown
22.3	730.4	Clay Gray
29.3	723.3	Sand & Gravel Coarse Grained
36.6	716.0	Clay Gray
44.2	708.4	Till & Clay Gray
44.8	707.8	Shale Gray
46.3	706.3	Sandstone & Coal Light Gray
48.2	704.4	Shale Gray
52.7	699.9	Shale Mixed Gray
53.3	699.3	Coal
56.7	695.9	Shale Brown
62.5	690.1	Shale Gray
63.4	689.2	Siltstone
64.6	688.0	Shale & Coal Brown
66.1	686.5	Siltstone Gray
68.3	684.3	Shale Gray
68.6	684.0	Shale Green
71.6	681.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-053-01 W5M**

Well Number **07534**

Well Owner: **Hempler, Steve**

Elevation (AMSL) (m): **738**

AEP: **366320**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **64,811.39**

Date Started: **11 Jul 92**

Northing: **5,938,978.00**

Date Completed: **11 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **30.5** to **33.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **44.2** to **45.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkly 11 St** Intake (m): **42.7**

**Testing:**

Rate (lpm): **456.1** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **15.2**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	725.5			Silt Brown
22.9	714.9			Clay Blue
29.0	708.8			Sand Silty
45.7	692.0			Sand Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-053-01 W5M**

Well Number **07535**

Well Owner: **Lepp, John**

Elevation (AMSL) (m): **738**

AEP: **352733**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **64,811.39**

Date Started: **04 Oct 90**

Northing: **5,938,978.00**

Date Completed: **04 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **7.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **23.5** to **25.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **82.1** Time (minute): **240.0**  
 Level End (m): **13.1** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	731.6	Clay Silty Brown
10.4	727.4	Clay Blue
14.3	723.4	Sand Coarse Grained
18.3	719.4	Silt Blue
25.3	712.4	Sand Coarse Grained
27.4	710.3	Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 36-053-01 W5M**

Well Number **07536**

Well Owner: **Madigan, Glen**

Elevation (AMSL) (m): **748**

AEP: **369875**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,534.41**

Date Started: **26 Oct 92**

Northing: **5,938,818.00**

Date Completed: **27 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **27.4**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **34.4** to **36.0** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.0**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **25.6** Drawdown (m): **12.8**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	740.4	Sand Yellow
14.0	733.7	Clay Sandy Yellow
23.8	724.0	Clay Sandy Blue
27.1	720.6	Sand
28.4	719.4	Clay Blue
36.3	711.5	Sand
42.7	705.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 36-053-01 W5M**

Well Number **07537**

Well Owner: **Nott, G.**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **738**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **435732**  
 Easting: **64,838.42**  
 Northing: **5,938,809.54**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 25 Jan 96**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SW 36-053-01 W5M**

Well Number **07538**

Well Owner: **Nott, G.**

Elevation (AMSL) (m): **746**

AEP: **435728**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **64,749.30**

Date Started: **22 Jan 96**

Northing: **5,939,042.50**

Date Completed: **23 Jan 96**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.7** Bottom (m): **27.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **3.1** to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **27.7** to **29.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05422** Intake (m): **24.4**

**Testing:**

Rate (lpm): **205.2** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **19.5**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **205.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	738.9			Clay Brown
9.8	736.2			Sand & Coal Coarse Grained Bro
11.3	734.6			Gravel Fine Grained
19.8	726.1			Sand & Coal Brown
21.9	724.0			Gravel
29.6	716.4			Sand Coarse Grained Gray
30.5	715.4			Clay Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**WH 36-053-01 W5M**

Well Number **07539**

Well Owner: **Anderson Homes**

Elevation (AMSL) (m): **740**

AEP: **410537**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **64,686.28**

Date Started: **18 Oct 83**

Northing: **5,939,424.00**

Date Completed: **18 Oct 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **43.9** Bottom (m): **55.8**  
 Perforated How: **Machine**  
 from (m): **43.3** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: 7**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	732.5	Clay Brown
19.8	720.3	Sand & Gravel Coarse Grained B
42.1	698.0	Clay Blue
47.9	692.2	Shale
53.6	686.4	Sandstone
55.8	684.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07540**

Well Owner: **Fedorek, Olga**

Elevation (AMSL) (m): **771**

AEP: **361238**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,679.30**

Date Started: **05 Jun 78**

Northing: **5,931,673.50**

Date Completed: **06 Jun 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **72.8** Bottom (m): **72.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **72.8**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **96.3**  
 Perforated How: **Torch**  
 from (m): **72.8** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **64.0** Drawdown (m): **29.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
18.3	753.1	Clay Yellow
47.2	724.1	Clay Blue
49.7	721.7	Sand
55.8	715.6	Clay Blue
66.4	704.9	Sand & Coal
68.6	702.8	Clay Hard Blue
70.1	701.3	Clay Yellow
71.6	699.7	Shale Sandy Gray
77.7	693.6	Shale Green
82.3	689.1	Shale Brittle Gray
82.9	688.5	Sandstone
88.4	683.0	Shale Green
94.5	676.9	Shale Sandy Gray
97.2	674.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07541**

Well Owner: **Fluet, Maurice**

Elevation (AMSL) (m): **770**

AEP: **377793**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,963.77**

Date Started: **01 Feb 93**

Northing: **5,931,676.50**

Date Completed: **03 Feb 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **54.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **94.5**  
 Perforated How: **Saw**  
 from (m): **82.3** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **82.3**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **82.3** Drawdown (m): **54.9**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	761.0	Silt Brown
33.5	736.6	Clay Blue
39.6	730.5	Silt Blue
54.9	715.3	Clay Blue
57.9	712.2	Shale Green
64.0	706.2	Sandstone
71.6	698.5	Shale
82.3	687.9	Sandstone
91.4	678.7	Shale Gray
94.5	675.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07542**

Well Owner: **Freidenberg, A**

Elevation (AMSL) (m): **766**

AEP: **366861**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **55,915.86**

Date Started: **13 Oct 92**

Northing: **5,931,888.00**

Date Completed: **16 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **45.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **75.3** Bottom (m): **75.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **73.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **79.2** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **5g05422** Intake (m): **79.2**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **33.8**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.1	763.6	Sand Brown
19.2	746.5	Clay Brown
37.2	728.6	Clay Gray
59.1	706.6	Sand & Coal
69.5	696.2	Clay Gray
71.6	694.1	Shale Gray
72.8	692.9	Sandstone
73.8	692.0	Shale Gray
75.9	689.8	Shale Green
82.9	682.8	Sandstone
84.1	681.6	Shale Green
88.1	677.7	Sandstone
92.1	673.7	Shale Green
94.2	671.6	Shale Brown
96.3	669.4	Sandstone
100.3	665.5	Shale Green
102.4	663.3	Shale Brown
103.6	662.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07543**

Well Owner: **Grono, Dick**

Elevation (AMSL) (m): **770**

AEP: **357691**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,963.77**

Date Started: **03 May 90**

Northing: **5,931,676.50**

Date Completed: **05 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **57.6** to **57.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **77.7**  
 Perforated How: **Machine**  
 from (m): **53.3** to **77.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **51.8**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **52.7** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.4	767.7	Clay Sandy Brown
3.4	766.8	Sand
16.8	753.4	Clay Brown
36.3	733.9	Clay Blue
37.2	733.0	Sand
37.5	732.7	Coal
40.5	729.6	Clay Brown
44.2	726.0	Sand & Gravel
48.8	721.4	Clay Brown
50.3	719.9	Sand & Gravel
54.0	716.2	Clay
56.4	713.8	Shale Soft Brown
57.9	712.2	Shale Green
60.4	709.8	Sandstone Gray
65.5	704.6	Shale Green
68.6	701.6	Sandstone Gray
69.5	700.7	Shale Green
70.1	700.1	Shale Gray
77.7	692.4	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07544**

Well Owner: **Grono, Shirley**

Elevation (AMSL) (m): **761**

AEP: **357692**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,222.79**

Date Started: **05 Jun 90**

Northing: **5,931,813.00**

Date Completed: **07 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **77.7** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Welded Ring**  
 from (m): to **57.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **72.2**  
 Perforated How:  
 from (m): **57.9** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **1500.0**  
 Level End (m): **41.2** Drawdown (m): **15.2**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	756.8	Sand Silty
8.2	752.5	Clay Yellow
14.9	745.8	Clay Blue
23.8	737.0	Clay Silty Blue
31.4	729.4	Sand Fine Grained
36.9	723.9	Clay & Rocks Brown
45.1	715.6	Sand & Gravel
49.7	711.1	Silt
52.4	708.3	Clay Brown
56.4	704.4	Clay & Rocks Blue
58.8	701.9	Shale Green
63.1	697.7	Sandstone
68.0	692.8	Shale Gray
70.4	690.3	Sandstone
73.8	687.0	Shale Gray
77.7	683.0	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07545**

Well Owner: **Lavoie, Tom**

Elevation (AMSL) (m): **772**

AEP: **354677**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **55,821.54**

Date Started: **22 Jan 91**

Northing: **5,931,652.50**

Date Completed: **23 Jan 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.9** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **74.1** Bottom (m): **74.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): **73.8** to **74.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **96.9**  
 Perforated How: **Hand Drill**  
 from (m): **73.8** to **95.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.5	748.8	Clay Soft Brown
48.2	724.1	Clay Soft Blue
53.6	718.7	Sand & Coal Fine Grained Gray
55.2	717.1	Clay Blue
65.5	706.8	Sand & Coal Gray
70.4	701.9	Clay Blue
72.5	699.8	Sandstone Medium Grained
75.3	697.0	Shale Green
76.5	695.8	Sandstone Fine Grained
78.6	693.7	Shale Green
83.8	688.5	Sandstone Coarse Grained
87.2	685.1	Shale Green
95.4	676.9	Sandstone Coarse Grained
96.9	675.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-053-02 W5M**

Well Number **07546**

Well Owner: **Mohnar, Roy**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **369755**  
 Easting: **55,963.77**  
 Northing: **5,931,676.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-02 W5M**

Well Number **07547**

Well Owner: **Morrison, Chuck**

Elevation (AMSL) (m): **774**

AEP: **404865**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,799.08**

Date Started: **02 Nov 94**

Northing: **5,931,573.50**

Date Completed: **03 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **99.4** (m)  
 NPWL (m): **34.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **71.0** Bottom (m): **71.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **71.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **69.5** Bottom (m): **99.4**  
 Perforated How: **Saw**  
 from (m): **82.3** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **99.4**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **78.6** Drawdown (m): **44.2**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
40.8	733.2			Clay Sandy Yellow
51.2	722.9			Sand
60.0	714.0			Clay Blue
62.8	711.3			Sand
63.7	710.4			Clay Blue
64.3	709.8			Shale Gray
67.4	706.7			Sandstone
74.4	699.7			Shale Green
76.5	697.6			Shale Gray
82.9	691.2			Shale Green
84.7	689.3			Sandstone
88.4	685.7			Shale Green
96.9	677.1			Sandstone
99.4	674.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-053-02 W5M**

Well Number **07548**

Well Owner: **Nuxoll, Richard**

Elevation (AMSL) (m): **768**

AEP: **359725**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **55,646.36**

Date Started: **05 Sep 91**

Northing: **5,931,762.00**

Date Completed: **05 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **79.2** Bottom (m): **79.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **79.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **76.2** Bottom (m): **97.5**  
 Perforated How: **Hand Drill**  
 from (m): **79.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **97.5** Drawdown (m): **67.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.9	741.6			Clay Sandy Yellow
54.3	713.3			Clay Blue
64.0	703.5			Sand & Coal
66.4	701.1			Clay Blue
74.7	692.9			Sand & Gravel Rounded
80.8	686.8			Shale Green
88.4	679.1			Sandstone
89.6	677.9			Shale Green
93.0	674.6			Sandstone
94.8	672.7			Shale Gray
97.5	670.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 01-053-02 W5M**

Well Number **07549**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **744**

AEP: **377791**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,101.18**

Date Started: **10 Oct 92**

Northing: **5,931,698.00**

Date Completed: **12 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **PI**  
 OD (mm): **1.4**  
 from (m): **48.8** to **54.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley** Intake (m): **48.8**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **48.8** Drawdown (m): **28.0**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	725.8	Silt Brown
20.7	723.4	Clay Blue
27.4	716.7	Silt Blue
36.6	707.5	Silt Brown
48.8	695.3	Sand
50.3	693.8	Clay Blue
54.9	689.3	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 01-053-02 W5M**

Well Number **07550**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **747**

AEP: **443260**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,202.32**

Date Started: **09 Jul 94**

Northing: **5,931,716.00**

Date Completed: **10 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **64.0**  
**Testing:**  
 Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **24.4**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	746.1	Till
18.9	728.1	Clay Silty
29.6	717.4	Clay Blue
55.5	691.5	Sand
64.0	683.0	Shale
67.1	679.9	Shale Green
73.2	673.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-053-02 W5M**

Well Number **07551**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **744**

AEP: **443258**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,101.18**

Date Started: **02 Sep 94**

Northing: **5,931,698.00**

Date Completed: **03 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **82.3**  
 Perforated How: **Saw**  
 from (m): **57.9** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **73.2**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **48.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	725.8			Clay Silty
36.6	707.5			Clay Blue
48.8	695.3			Sand
64.0	680.1			Shale Green
73.2	671.0			Shale Gray
82.3	661.8			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-053-02 W5M**

Well Number **07552**

Well Owner: **Birchland Builders**

Elevation (AMSL) (m): **744**

AEP: **360263**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,101.18**

Date Started: **28 Jul 91**

Northing: **5,931,698.00**

Date Completed: **31 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **96.0** Bottom (m): **96.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **67.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **PI**  
 OD (mm): **1.4**  
 from (m): **83.8** to **96.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: 18 Stage**  
 Model: **Jacuzzi** Intake (m): **82.3**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **82.3** Drawdown (m): **45.7**  
 Rec'd intake (m): **88.4** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	725.8	Clay Sandy
39.6	704.5	Clay Blue
54.9	689.3	Silt
61.0	683.2	Sand
85.3	658.8	Shale Gray
88.4	655.7	Shale Green
93.6	650.5	Sandstone
96.0	648.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-053-02 W5M**

Well Number **07553**

Well Owner: **Grono, Dick**

Elevation (AMSL) (m): **744**

AEP: **351060**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **55,101.18**

Date Started: **31 Oct 89**

Northing: **5,931,698.00**

Date Completed: **02 Nov 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **53.3** to **54.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **44.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.6	736.5		Clay
	18.3	725.8		Clay Sandy
	32.0	712.1		Clay Silty
	41.2	703.0		Till Sandy
	42.7	701.4		Sand
	53.3	690.8		Till
	56.4	687.7		Shale Green
	59.4	684.7		Shale Sandy Gray
	62.5	681.6		Shale Green
	65.5	678.6		Shale Gray
	67.1	677.1		Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 01-053-02 W5M**

Well Number **07554**

Well Owner: **Heise, Rod**

Elevation (AMSL) (m): **747**

AEP: **367633**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **55,202.32**

Date Started: **29 Oct 92**

Northing: **5,931,707.50**

Date Completed: **02 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **15.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.5**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Duro 5dd5t** Intake (m): **45.7**

**Testing:**

Rate (lpm): **18.2** Time (minute): **2880.0**  
 Level End (m): **25.0** Drawdown (m): **9.4**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	739.5			Sand
45.7	701.4			Clay Blue
48.8	698.3			Shale Gray
52.1	695.0			Shale Green
55.8	691.3			Shale Gray
56.1	691.0			Shale Sandy
59.7	687.3			Shale Hard Black
60.4	686.7			Shale Gray
64.9	682.2			Shale Green
65.5	681.6			Sandstone Hard
74.7	672.4			Shale
75.0	672.1			Sandstone Hard
78.3	668.8			Shale
78.6	668.5			Sandstone
79.2	667.8			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-053-02 W5M**

Well Number **07555**

Well Owner: **James, Bruce**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356913**  
 Easting: **55,101.18**  
 Northing: **5,931,698.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **83.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-053-02 W5M**

Well Number **07556**

Well Owner: **Johnson, Brian**

Elevation (AMSL) (m): **745**

AEP: **351498**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **55,179.45**

Date Started: **20 Apr 90**

Northing: **5,931,783.50**

Date Completed: **24 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **62.8** Bottom (m): **62.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **62.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **22.8** Time (minute): **360.0**  
 Level End (m): **33.5** Drawdown (m): **10.7**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
50.0	695.2			Clay Sandy
65.8	679.3			Shale
66.8	678.4			Shale Sandy
76.5	668.7			Shale
77.4	667.7			Sandstone
77.7	667.4			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-053-02 W5M**

Well Number **07557**

Well Owner: **Roetman, Kers**

Elevation (AMSL) (m): **758**

AEP: **356121**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **54,821.83**

Date Started: **21 Jun 82**

Northing: **5,931,811.00**

Date Completed: **23 Jun 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **50.9** Bottom (m): **50.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **50.6**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **74.7**  
 Perforated How: **Machine**  
 from (m): **74.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
27.4	730.2	Clay Sandy
37.5	720.1	Clay
41.8	715.9	Sand
43.3	714.3	Sand & Gravel
48.2	709.5	Clay
51.8	705.8	Shale
53.3	704.3	Sandstone
70.7	686.9	Shale
72.8	684.8	Sandstone
74.7	682.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-053-02 W5M**

Well Number **07558**

Well Owner: **Ferguson, John**

Elevation (AMSL) (m): **754**

AEP: **365601**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **56,008.39**

Date Started: **22 Jul 92**

Northing: **5,930,839.00**

Date Completed: **22 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **59.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **56.4** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **37.2** Drawdown (m): **8.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	743.7	Clay Sandy Yellow
21.3	733.0	Clay Blue
36.6	717.8	Clay Sandy Blue
42.7	711.7	Clay Blue
49.7	704.7	Clay & Coal Sandy Blue
54.3	700.1	Clay & Rocks Blue
56.1	698.3	Gravel
57.3	697.1	Clay Blue
58.2	696.1	Clay Yellow
59.4	694.9	Sandstone Yellow
61.6	692.8	Shale Green
65.5	688.8	Shale Sandy Gray
69.8	684.6	Shale Green
71.0	683.3	Shale Sandy Gray
73.2	681.2	Shale Green
74.1	680.3	Shale Sandy Gray
75.0	679.4	Shale Green
76.8	677.5	Shale Sandy Gray
78.3	676.0	Shale Green
82.0	672.4	Shale Sandy Gray
82.3	672.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-053-02 W5M**

Well Number **07559**

Well Owner: **Gooley, Joe**

Elevation (AMSL) (m): **757**

AEP: **401589**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,952.36**

Date Started: **09 Dec 94**

Northing: **5,930,874.50**

Date Completed: **12 Dec 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **29.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **61.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **59.7** Bottom (m): **78.0**  
 Perforated How: **Saw**  
 from (m): **61.6** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **S5p4c02tl-02** Intake (m): **51.2**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **43.3** Drawdown (m): **14.0**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	738.7	Clay Sandy Yellow
29.0	728.0	Sand Silty
41.5	715.5	Clay Blue
52.4	704.6	Sand & Coal
59.4	697.6	Clay & Gravel Blue
61.0	696.0	Clay Blue
64.0	693.0	Shale Green
68.9	688.1	Shale Sandy Gray
71.0	686.0	Shale Green
78.9	678.0	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 01-053-02 W5M**

Well Number **07560**

Well Owner: **Stefaniw, Gene**

Elevation (AMSL) (m): **742**

AEP: **356912**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,101.02**

Date Started: **19 Oct 89**

Northing: **5,930,763.50**

Date Completed: **27 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **83.2** Bottom (m): **83.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **83.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **83.2** Bottom (m): **109.7**  
 Perforated How: **Torch**  
 from (m): **82.3** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **85.3** Drawdown (m): **57.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 02-053-02 W5M**

Well Number **07561**

Well Owner: **Forsyth, Doug**

Elevation (AMSL) (m): **741**

AEP: **397100**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,588.39**

Date Started: **13 Dec 93**

Northing: **5,931,881.50**

Date Completed: **14 Dec 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **25.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **63.4** Bottom (m): **63.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **63.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **63.4** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **39.6**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **29.3** Drawdown (m): **3.7**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
14.0	726.5			Clay Sandy Yellow
27.4	713.1			Clay Blue
36.6	703.9			Clay & Sand
51.8	688.7			Clay Blue
56.1	684.4			Shale Green
63.1	677.4			Sandstone
65.2	675.3			Shale Green
75.6	664.9			Shale Sandy Gray
77.7	662.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 02-053-02 W5M**

Well Number **07562**

Well Owner: **Olson, Dave**

Elevation (AMSL) (m): **745**

AEP: **397099**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,242.39**

Date Started: **12 Sep 94**

Northing: **5,931,464.00**

Date Completed: **13 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.1** Bottom (m): **59.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.6** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **63.4** Drawdown (m): **39.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	737.0			Clay Sandy Yellow
38.7	706.8			Sand Silty
47.6	697.9			Sand
54.3	691.2			Clay Blue
56.1	689.4			Shale Gray
65.8	679.7			Shale Green
74.4	671.1			Sandstone
76.2	669.3			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 02-053-02 W5M**

Well Number **07563**

Well Owner: **Goebel, Jerry**

Elevation (AMSL) (m): **760**

AEP: **397098**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,316.65**

Date Started: **20 Sep 93**

Northing: **5,930,783.50**

Date Completed: **21 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **59.1** Bottom (m): **85.6**  
 Perforated How: **Saw**  
 from (m): **59.1** to **85.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **27.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	747.4	Clay Yellow
17.7	741.9	Clay Blue
20.7	738.9	Sand & Coal
24.4	735.2	Clay Blue
25.9	733.7	Sand & Coal
30.5	729.1	Clay Blue
33.5	726.1	Sand & Coal
53.0	706.6	Clay Blue
53.6	706.0	Shale Green
59.1	700.5	Shale Sandy Gray
64.0	695.6	Shale Green
66.4	693.2	Shale Sandy Gray
68.6	691.0	Shale Green
75.6	684.0	Shale Green
85.3	674.3	Shale Sandy Gray
86.6	673.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 02-053-02 W5M**

Well Number **07564**

Well Owner: **Goebel, Jerry**

Elevation (AMSL) (m): **760**

AEP: **366982**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,313.61**

Date Started: **10 Aug 92**

Northing: **5,930,776.00**

Date Completed: **11 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **64.0**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **61.9** Bottom (m): **95.1**  
 Perforated How: **Saw**  
 from (m): **61.9** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **41.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
35.0	724.5	Clay Sandy Yellow
36.0	723.6	Sand & Gravel
53.0	706.5	Clay & Sand Gray
54.0	705.6	Shale Sandy Gray
57.0	702.6	Shale Brittle Green
73.8	685.8	Shale Greenish Gray
74.1	685.5	Sandstone
77.1	682.4	Shale Green
77.4	682.1	Sandstone
78.9	680.6	Shale Green
79.6	680.0	Sandstone
83.5	676.0	Shale Green
87.8	671.8	Shale Gray
94.5	665.1	Shale Green
96.0	663.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-053-02 W5M**

Well Number **07565**

Well Owner: **Batke, Bill**

Elevation (AMSL) (m): **738**

AEP: **355855**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **51,912.71**

Date Started: **01 Mar 91**

Northing: **5,931,880.50**

Date Completed: **04 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **46.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **61.0**  
 Perforated How: **Other**  
 from (m): **48.8** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	732.6			Clay Sandy Yellow
18.9	719.2			Clay Blue
20.7	717.3			Sand
31.7	706.4			Clay Sandy Blue
33.8	704.2			Sand & Gravel
35.0	703.0			Clay Blue
37.8	700.3			Sand & Gravel
39.9	698.1			Clay Blue
43.9	694.2			Sandstone
48.5	689.6			Shale Green
50.0	688.1			Sandstone
54.3	683.8			Shale Gray
57.6	680.5			Sandstone
61.0	677.1			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 03-053-02 W5M**

Well Number **07566**

Well Owner: **Demchuk, Bill**

Elevation (AMSL) (m): **738**

AEP: **357805**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **51,655.30**

Date Started: **01 Jul 82**

Northing: **5,931,698.50**

Date Completed: **01 Jul 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **49.4**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **73.2**  
 Perforated How: **Other**  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	730.3	Clay Brown
23.8	714.5	Clay Sandy Blue
42.1	696.2	Clay & Rocks Sandy Blue
43.6	694.7	Shale Green
47.6	690.7	Sandstone Light Gray
60.0	678.2	Shale Green
64.9	673.3	Sandstone Light Gray
67.7	670.6	Shale Green
71.3	666.9	Sandstone Light Gray
73.2	665.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-053-02 W5M**

Well Number **07567**

Well Owner: **Pratt, Randy/Watt, Jackie**

Elevation (AMSL) (m): **742**

AEP: **361095**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **52,102.70**

Date Started: **25 Sep 91**

Northing: **5,931,860.00**

Date Completed: **26 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **61.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.4** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **63.4** to **65.5** Size:  
 from (m): **70.1** to **76.2** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **5s4513-S2** Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **56.1** Drawdown (m): **27.1**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	737.5	Clay
15.5	726.8	Clay Gray
26.8	715.5	Silt
50.3	692.1	Clay Silty Blue
53.6	688.7	Shale
56.4	686.0	Shale Green
58.8	683.5	Sandstone Gray
63.4	679.0	Shale Green
64.6	677.8	Sandstone Gray
72.2	670.1	Shale
74.7	667.7	Sandstone
76.2	666.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 03-053-02 W5M**

Well Number **07568**

Well Owner: **Sawatzky, Wally**

Elevation (AMSL) (m): **738**

AEP: **352096**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **51,880.02**

Date Started: **07 Aug 90**

Northing: **5,931,688.50**

Date Completed: **07 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **136.8** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **45.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **136.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.9	719.3			Clay Silty
32.6	705.6			Sand
37.2	701.0			Clay
38.1	700.1			Shale Green
39.3	698.9			Shale Gray
41.2	697.0			Sandstone
45.4	692.8			Shale Blue
47.9	690.3			Sandstone
50.3	687.9			Shale
52.1	686.1			Shale Green
53.3	684.8			Sandstone
54.9	683.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-053-02 W5M**

Well Number **07569**

Well Owner: **Schmidt, Tim**

Elevation (AMSL) (m): **741**

AEP: **397101**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,553.15**

Date Started: **19 May 94**

Northing: **5,931,576.00**

Date Completed: **19 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.6**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **52.7** Bottom (m): **67.7**  
 Perforated How: **Saw**  
 from (m): **54.6** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 5s4513p**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **47.2** Drawdown (m): **30.5**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.6	733.4		Clay Yellow
	44.2	696.8		Clay Blue
	44.8	696.2		Clay Yellow
	47.6	693.5		Shale Green
	56.4	684.6		Shale Gray
	61.6	679.4		Sandstone
	67.1	674.0		Shale Sandy Gray
	68.6	672.4		Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 03-053-02 W5M**

Well Number **07570**

Well Owner: **Staines, C**

Elevation (AMSL) (m): **738**

AEP: **354797**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **51,880.02**

Date Started: **17 Jan 91**

Northing: **5,931,688.50**

Date Completed: **21 Jan 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **43.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): **42.7** Bottom (m): **61.0**  
 Perforated How: **Other**  
 from (m): **44.2** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m):

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **22.9**  
 Rec'd intake (m): **39.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	731.2	Clay	Brown	
18.3	719.9	Clay	Gray	
24.4	713.8	Clay & Rocks	Gray	
42.4	695.8	Clay	See Comments	Gray
43.6	694.6	Shale	Green	
45.7	692.5	Shale	Gray	
49.1	689.1	Sandstone	Gray	
52.4	685.8	Shale	Green	
53.0	685.2	Sandstone	Light Gray	
55.2	683.0	Shale	Gray	
59.4	678.8	Sandstone	Gray	
61.0	677.2	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 03-053-02 W5M**

Well Number **07571**

Well Owner: **Taylor, Robert**

Elevation (AMSL) (m): **738**

AEP: **365688**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **51,886.15**

Date Started: **17 Jul 92**

Northing: **5,931,498.50**

Date Completed: **17 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **62.5**  
 Perforated How: **Machine**  
 from (m): **56.4** to **62.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **59.4**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **59.4** Drawdown (m): **44.8**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	733.0			Clay Sandy
32.0	706.4			Clay Blue
41.2	697.3			Gravel
61.9	676.6			Shale
62.5	676.0			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 03-053-02 W5M**

Well Number **07572**

Well Owner: **Troudt, Gerald**

Elevation (AMSL) (m): **743**

AEP: **357693**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **51,643.04**

Date Started: **25 Oct 90**

Northing: **5,931,455.50**

Date Completed: **27 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **58.8** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **46.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **58.8**  
 Perforated How: **Machine**  
 from (m): **53.3** to **58.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	738.3			Clay Brown
32.0	710.9			Clay Blue
41.2	701.8			Sand & Gravel
43.6	699.3			Shale Gray
47.2	695.7			Shale Green
49.7	693.2			Sandstone
52.4	690.5			Shale Gray
55.5	687.4			Sandstone Gray
57.6	685.3			Shale Gray
58.8	684.1			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-053-02 W5M**

Well Number **07573**

Well Owner: **Bleker, Ernie**

Elevation (AMSL) (m): **758**

AEP: **355285**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,022.47**

Date Started: **21 Jan 91**

Northing: **5,930,910.00**

Date Completed: **24 Jan 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **96.0** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **81.7** Bottom (m): **81.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **81.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **78.6** Bottom (m): **95.1**  
 Perforated How: **Machine**  
 from (m): **78.6** to **95.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	744.0	Clay Yellow
41.2	716.6	Clay Blue
53.3	704.4	Sand & Coal
61.0	696.8	Clay & Rocks Blue
62.5	695.3	Shale Green
96.0	661.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-053-02 W5M**

Well Number **07574**

Well Owner: **Brooks, M**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **758**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **410545**  
 Easting: **53,022.47**  
 Northing: **5,930,910.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **16 Jun 82**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>1407</b>	SAR	Nickel
TDS <b>970.0</b>	TKN	Selenium
Sodium <b>77.05</b>	Nitrate	Strontium
Potassium <b>3.91</b>	Nitrite	Molybdenum
Calcium <b>177.96</b>	TN	Vanadium
Magnesium <b>53.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>508.21</b>	Arsenic	Total Hardness <b>666.00</b>
Aluminum	Barium	Manganese
Sulphate <b>409.22</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.14</b>	Chromium	Amm. Nitrogen
Iron <b>11.25</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>416.0</b>
Silica <b>12.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 03-053-02 W5M**

Well Number **07575**

Well Owner: **Shott, Henry**

Elevation (AMSL) (m): **746**

AEP: **367298**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **52,744.00**

Date Started: **27 Nov 92**

Northing: **5,931,083.00**

Date Completed: **27 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **64.6** Bottom (m): **64.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **64.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **85.3**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **85.3** Drawdown (m): **57.9**  
 Rec'd intake (m): **59.4** Rec'd Rate (lpm): **68.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.1	730.2			Sand
36.6	709.8			Clay Silty
50.9	695.5			Sand
55.5	690.9			Clay Silty
61.9	684.5			Sand & Gravel
74.1	672.3			Shale Green
75.6	670.8			Shale Gray
76.5	669.9			Sandstone
78.3	668.1			Shale Green
80.8	665.6			Sandstone
85.3	661.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-053-02 W5M**

Well Number **07576**

Well Owner: **Bell, Dick**

Elevation (AMSL) (m): **741**

AEP: **365175**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **52,039.39**

Date Started: **27 Oct 91**

Northing: **5,930,800.50**

Date Completed: **29 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **59.4**  
 Perforated How: **Saw**  
 from (m): **50.3** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **32.0**

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **32.0** Drawdown (m): **19.2**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	722.8			Clay Blue
27.4	713.7			Sand
34.4	706.7			Clay Blue
41.2	700.0			Silt Blue
42.7	698.4			Shale Green
49.4	691.7			Shale Gray
53.6	687.5			Sandstone
54.9	686.3			Shale Green
59.4	681.7			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 03-053-02 W5M**

Well Number **07577**

Well Owner: **Bleker, Ernie Jr.**

Elevation (AMSL) (m): **746**

AEP: **418277**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,927.18**

Date Started: **26 Sep 95**

Northing: **5,930,855.50**

Date Completed: **28 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.2** (m)  
 NPWL (m): **30.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **84.7** Bottom (m): **84.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **84.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **82.6** Bottom (m): **96.3**  
 Perforated How: **Saw**  
 from (m): **84.7** to **96.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **38.4**  
 Rec'd intake (m): **68.6** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
15.2	730.8		Clay Yellow
29.0	717.1		Clay Blue
57.9	688.1		Sand
60.0	686.0		Clay & Rocks Blue
62.5	683.5		Shale Green
67.7	678.3		Shale Sandy Gray
77.1	668.9		Shale Green
78.0	668.0		Shale Sandy Gray
80.8	665.2		Shale Green
82.3	663.7		Shale Sandy Gray
86.9	659.1		Shale Greenish Gray
93.0	653.0		Shale Sandy Gray
94.5	651.5		Shale Green
95.1	650.9		Sandstone
97.2	648.8		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 03-053-02 W5M**

Well Number **07578**

Well Owner: **Chaput, Ralph**

Elevation (AMSL) (m): **743**

AEP: **365507**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **51,608.84**

Date Started: **10 Jun 92**

Northing: **5,931,224.50**

Date Completed: **11 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.2** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **57.9**

**Testing:**  
 Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **38.4** Drawdown (m): **20.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **41.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	736.1	Clay Silty Brown
7.6	735.5	Clay Silty Gray
13.7	729.4	Clay Silty Brown
38.1	705.0	Clay Silty Gray
39.0	704.1	Gravel
41.5	701.6	Clay
45.1	698.0	Shale Green
47.6	695.5	Shale Gray
49.4	693.7	Sandstone Gray
51.8	691.3	Shale Green
58.8	684.3	Shale Fractured
60.0	683.1	Shale Green
63.4	679.7	Shale Greenish Gray
64.9	678.2	Sandstone Gray
68.3	674.8	Shale Green
72.8	670.3	Sandstone Gray
77.1	666.0	Shale
78.3	664.8	Sandstone Gray
79.2	663.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-053-02 W5M**

Well Number **07579**

Well Owner: **Chubaty, Mike**

Elevation (AMSL) (m): **740**

AEP: **368748**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **51,713.21**

Date Started: **12 Nov 92**

Northing: **5,931,147.50**

Date Completed: **13 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **54.0** to **54.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.3** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **56.4** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **53.3**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **39.9** Drawdown (m): **20.7**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	734.0	Clay Brown
36.3	703.2	Clay & Silt Gray
37.2	702.3	Sand
41.8	697.7	Shale Green
44.5	695.0	Sandstone Gray
45.4	694.1	Shale Gray
47.6	692.0	Sandstone Gray
50.0	689.5	Shale Green
53.3	686.2	Shale Gray
56.4	683.1	Shale Green
59.7	679.8	Sandstone Gray
62.5	677.0	Shale Green
63.4	676.1	Sandstone Gray
64.0	675.5	Shale Gray
64.9	674.6	Sandstone Gray
67.4	672.1	Shale
70.1	669.4	Sandstone Gray
73.2	666.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-053-02 W5M**

Well Number **07580**

Well Owner: **Enders, Dave**

Elevation (AMSL) (m): **741**

AEP: **363257**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **52,028.95**

Date Started: **15 May 89**

Northing: **5,930,773.00**

Date Completed: **15 May 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Welded Collar**  
 from (m): to **49.4**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **65.5**  
 Perforated How: **Torch**  
 from (m): **54.9** to **62.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	734.1			Clay Sandy Yellow
43.6	697.8			Clay Sandy Blue
56.1	685.3			Shale Green
62.5	678.9			Sandstone
65.5	675.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 03-053-02 W5M**

Well Number **07581**

Well Owner: **Enders, Dave**

Elevation (AMSL) (m): **743**

AEP: **380523**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **51,617.97**

Date Started: **14 Mar 94**

Northing: **5,931,227.00**

Date Completed: **14 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **61.3** to **72.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **27.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	727.9	Clay Sandy Brown
38.7	704.4	Sand Coarse Grained
46.6	696.5	Clay Blue
50.6	692.5	Shale
52.7	690.4	Sandstone
57.6	685.5	Shale
59.7	683.4	Sandstone
63.4	679.7	Shale
72.5	670.6	Sandstone
73.2	670.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-02 W5M**

Well Number **07582**

Well Owner: **Enders, Dave**

Elevation (AMSL) (m): **746**

AEP: **352280**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **51,927.18**

Date Started: **01 Aug 90**

Northing: **5,930,855.50**

Date Completed: **02 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): to **47.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.9** Bottom (m): **85.3**  
 Perforated How: **Other**  
 from (m): **45.7** to **83.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	734.4	Clay Yellow
39.0	707.0	Clay Silty Blue
40.5	705.5	Shale Sandy Green
42.4	703.6	Shale Sandy Gray
43.0	703.0	Shale Sandy Green
50.0	696.0	Shale Green
51.5	694.5	Sandstone
54.3	691.8	Shale Green
54.9	691.1	Sandstone
63.7	682.3	Shale Green
65.5	680.5	Sandstone
66.8	679.3	Shale Gray
69.8	676.2	Sandstone
71.6	674.4	Shale Gray
74.1	671.9	Sandstone
75.3	670.7	Shale Gray
77.1	668.9	Sandstone
81.4	664.6	Shale Green
83.5	662.5	Sandstone
85.3	660.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 03-053-02 W5M**

Well Number **07583**

Well Owner: **Franks, Gary**

Elevation (AMSL) (m): **746**

AEP: **353715**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **51,927.18**

Date Started: **10 Sep 90**

Northing: **5,930,855.50**

Date Completed: **12 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **52.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **52.1** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	732.3	Clay Silty Brown
25.0	721.0	Clay Silty Gray
36.9	709.1	Sand
42.7	703.3	Sand & Gravel
44.2	701.8	Shale Gray
47.2	698.8	Shale Green
49.7	696.3	Sandstone Gray
66.1	679.9	Shale
68.6	677.4	Sandstone
75.0	671.0	Shale
77.7	668.3	Sandstone
79.2	666.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-02 W5M**

Well Number **07584**

Well Owner: **Hawkins, Doug**

Elevation (AMSL) (m): **737**

AEP: **366255**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **52,168.55**

Date Started: **18 Aug 92**

Northing: **5,930,941.50**

Date Completed: **18 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.8** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **45.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.1** Bottom (m): **73.8**  
 Perforated How: **Saw**  
 from (m): **50.3** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **15.9**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
23.8	712.9	Clay Yellow
26.5	710.2	Sand
40.8	695.9	Clay Blue
46.6	690.1	Shale Green
48.5	688.2	Sandstone
50.6	686.1	Shale Gray
52.1	684.6	Sandstone
56.1	680.6	Shale Gray
63.1	673.6	Shale Green
70.4	666.3	Sandstone
73.8	662.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-02 W5M**

Well Number **07585**

Well Owner: **Northey, Ken**

Elevation (AMSL) (m): **747**

AEP: **365176**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **51,919.36**

Date Started: **16 Mar 92**

Northing: **5,930,875.00**

Date Completed: **18 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **36.0** to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **59.4** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **33.5** Drawdown (m): **14.6**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	737.6			Clay Blue
12.8	734.0			Silt Blue
21.9	724.8			Clay Brown
27.4	719.3			Sand & Rocks
40.5	706.2			Shale Green
44.8	702.0			Shale Gray
52.4	694.3			Sandstone
58.8	687.9			Shale Gray
63.1	683.7			Sandstone Gray
64.0	682.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 04-053-02 W5M**

Well Number **07586**

Well Owner: **Onyschuk, Andy**

Elevation (AMSL) (m): **730**

AEP: **351132**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **50,366.89**

Date Started: **16 May 90**

Northing: **5,931,776.50**

Date Completed: **18 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **11.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **48.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.6** Bottom (m): **64.0**  
 Perforated How: **Other**  
 from (m): **51.2** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **31.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	724.3			Silt Brown
8.5	721.0			Clay Gray
41.8	687.8			Shale
43.3	686.2			Shale Green
44.2	685.3			Shale Gray
47.2	682.3			Sandstone Gray
51.2	678.3			Shale Green
57.9	671.6			Shale Fractured
61.3	668.3			Sandstone Gray
64.0	665.5			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-053-02 W5M**

Well Number **07587**

Well Owner: **Mychajlunow, Joe**

Elevation (AMSL) (m): **732**

AEP: **350348**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **49,274.99**

Date Started: **02 Mar 90**

Northing: **5,930,527.50**

Date Completed: **05 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **37.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **37.8** Bottom (m): **58.5**  
 Perforated How: **Machine**  
 from (m): **37.8** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	723.9	Clay Yellow
36.9	694.7	Clay Blue
39.6	691.9	Shale Green
45.4	686.1	Sandstone
46.0	685.5	Shale Green
47.9	683.7	Shale Sandy Gray
48.2	683.4	Shale Green
57.9	673.6	Shale Sandy Gray
59.4	672.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-07-053-02 W5M

Well Number 07588

Well Owner: **Alta Env #1181e**

Elevation (AMSL) (m): **734**

AEP: **401624**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **47,989.46**

Date Started:

Northing: **5,932,529.00**

Date Completed: **26 May 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **44.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	731.3	Clay & Gravel Oxidized Brownis
4.3	729.7	Clay & Gravel Silty Brownish G
7.0	727.0	Clay Lacustrine Brownish Green
11.0	723.0	Clay & Sand Silty Dark Gray
15.2	718.8	Clay Lacustrine Dark Gray
18.9	715.1	Clay & Sand Glacial Dark Gray
19.8	714.2	Sand Dark Gray
22.6	711.5	Clay Lacustrine Dark Gray
22.9	711.1	Clay & Boulders Lacustrine Dar
24.4	709.6	Clay Lacustrine Dark Gray
29.9	704.1	Till & Clay Hard Dark Gray
33.5	700.5	Sandstone Very Fine Grained Gr
35.4	698.6	Sand & Silt Lost Circulation G
38.1	695.9	Sandstone & Shale Ledges Hard
42.1	691.9	Siltstone & Sandstone Hard Gra
42.7	691.3	Shale & Siltstone Hard Gray
44.2	689.8	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-07-053-02 W5M

Well Number 07589

Well Owner: **Alta Env #1182e**

Elevation (AMSL) (m): **733**

AEP: **401626**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **46,968.56**

Date Started:

Northing: **5,932,596.50**

Date Completed: **26 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **28.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	729.6	Till & Clay Brownish Green
11.9	720.7	Silt Sandy Brownish Gray
17.4	715.2	Sand & Silt Gravelly Brownish
21.0	711.6	Silt Sandy Brownish Gray
22.9	709.7	Siltstone Brownish Green
25.3	707.3	Sandstone Very Fine Grained Gr
26.5	706.1	Shale Gray
28.4	704.3	Shale & Siltstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 09-053-02 W5M**

Well Number **07590**

Well Owner: **Benko, John**

Elevation (AMSL) (m): **721**

AEP: **361151**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,346.81**

Date Started: **05 Jul 83**

Northing: **5,933,480.00**

Date Completed: **06 Jul 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.7** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **41.2**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): **41.2** Bottom (m): **59.7**  
 Perforated How: **Torch**  
 from (m): **41.2** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	713.2			Clay Sandy Yellow
27.4	693.4			Clay Blue
28.4	692.5			Sand
29.9	691.0			Clay Blue
32.6	688.2			Shale Sandy Gray
38.1	682.7			Shale Green
40.8	680.0			Shale Sandy Gray
43.0	677.9			Shale Green
45.7	675.1			Shale Sandy Gray
51.8	669.0			Shale Green
57.9	662.9			Shale Sandy Gray
60.7	660.2			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-02 W5M**

Well Number **07591**

Well Owner: **Barteski, Tony**

Elevation (AMSL) (m): **734**

AEP: **359726**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **51,230.20**

Date Started: **01 Aug 91**

Northing: **5,932,140.00**

Date Completed: **08 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **99.4** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **80.8** Bottom (m): **80.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **79.2** to **80.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **71.9** Bottom (m): **99.4**  
 Perforated How: **Saw**  
 from (m): **80.8** to **99.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Gould**  
 Model: **5g05422** Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **170.0**  
 Level End (m): **76.2** Drawdown (m): **38.1**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	728.7	Clay Sandy Brown
12.8	721.4	Sand Brown
27.7	706.4	Silt Gray
44.2	690.0	Sand Very Fine Grained Gray
64.0	670.2	Sand & Coal Gray
64.6	669.6	Gravel
78.0	656.1	Till & Clay Gray
80.8	653.4	Shale Green
83.8	650.3	Sandstone Gray
84.7	649.4	Shale Green
86.3	647.9	Sandstone Gray
86.9	647.3	Shale Green
87.8	646.4	Siltstone Gray
90.2	643.9	Shale Green
91.4	642.7	Sandstone Gray
93.0	641.2	Shale Green
93.3	640.9	Sandstone Gray
94.8	639.4	Shale Brownish Green
95.7	638.5	Sandstone Gray
97.5	636.6	Shale Gray
99.1	635.1	Sandstone Gray
99.4	634.8	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

13-10-053-02 W5M

Well Number 07592

Well Owner: **Alta Env #1200e**

Elevation (AMSL) (m): **730**

AEP: **401627**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,547.27**

Date Started: **12 Jun 75**

Northing: **5,933,248.50**

Date Completed: **13 Jun 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **65.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	723.9	Clay Lacustrine Brownish Yello
9.1	720.8	Clay Sandy Brownish Yellow
14.0	716.0	Silt Lacustrine Brownish Yello
19.8	710.2	Silt Lacustrine Gray
27.4	702.5	Silt & Coal Lacustrine Gray
32.0	698.0	Silt Lacustrine Gray
36.6	693.4	Silt & Coal Lacustrine Gray
41.2	688.8	Silt & Coal Pebbly Gray
43.3	686.7	Gravel
45.7	684.3	Silt & Coal Pebbly Brownish Gr
46.0	684.0	Silt Pebbly Brownish Gray
46.6	683.3	Coal
47.2	682.7	Silt & Coal Brownish Gray
50.3	679.7	Silt & Coal Pebbly Brownish Gr
50.6	679.4	Gravel Carbonaceous
54.9	675.1	Silt & Coal Pebbly Brownish Gr
56.4	673.6	Siltstone Soft Gray
64.0	666.0	Siltstone Hard Gray
64.3	665.7	Shale Hard Gray
65.5	664.4	Siltstone & Sandstone Hard Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-053-02 W5M**

Well Number **07593**

Well Owner: **Florkewich, Frank (Quad F Farm)**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **732**      AEP: **418225**  
 Licence No.:      Easting: **52,429.68**  
 Date Started: **06 Nov 95**      Northing: **5,933,428.50**  
 Date Completed: **06 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.5** (m)  
 NPWL (m): **15.9**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.0**      Bottom (m): **39.0**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m):      to **39.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **37.5**      Bottom (m): **55.5**  
 Perforated How: **Saw**  
 from (m): **43.3**      to **54.9**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **55.5**  
**Testing:**  
 Rate (lpm): **59.3**      Time (minute): **120.0**  
 Level End (m): **43.0**      Drawdown (m): **27.1**  
 Rec'd intake (m): **27.4**      Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	726.7	Clay Yellow
34.4	697.2	Clay & Sand Blue
36.0	695.7	Sandstone
39.3	692.3	Shale Green
54.9	676.8	Sandstone
55.5	676.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 11-053-02 W5M**

Well Number **07594**

Well Owner: **Bissonnette, Theo Jr.**

Elevation (AMSL) (m): **734**

AEP: **397104**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,453.91**

Date Started: **16 Jun 94**

Northing: **5,933,169.00**

Date Completed: **17 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **63.1**  
 Perforated How: **Saw**  
 from (m): **50.3** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **32.0** Drawdown (m): **8.5**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	728.8	Clay Yellow
36.6	697.4	Clay Blue
36.9	697.1	Shale Soft Brown
40.5	693.5	Clay Silty Blue
41.5	692.6	Stones
49.7	684.3	Clay & Rocks Blue
50.0	684.0	Stones
50.3	683.7	Clay & Rocks Blue
51.5	682.5	Shale Green
57.9	676.1	Shale Sandy Gray
58.8	675.2	Shale Green
60.4	673.7	Shale Sandy Gray
61.6	672.4	Sandstone
63.7	670.3	Shale Sandy Gray
64.0	670.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-02 W5M**

Well Number **07595**

Well Owner: **Johnstone, Doug**

Elevation (AMSL) (m): **734**

AEP: **363258**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **53,453.91**

Date Started: **25 May 87**

Northing: **5,933,169.00**

Date Completed: **29 May 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **49.4**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **54.9** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **45.7** Drawdown (m): **19.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	721.8	Clay & Sand
22.9	711.1	Clay & Silt Gray
33.5	700.5	Till & Clay Silty
47.2	686.8	Shale Gray
47.9	686.2	Shale Greenish Gray
48.2	685.8	Rocks
54.9	679.1	Shale Greenish Gray
60.4	673.7	Shale & Sandstone Gray
64.0	670.0	Shale Dark Green
69.5	664.5	Shale Greenish Gray
74.7	659.3	Shale & Sandstone Gray
77.7	656.3	Shale Greenish Gray
79.2	654.8	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-02 W5M**

Well Number **07596**

Well Owner: **Moe, Charlie**

Elevation (AMSL) (m): **734**

AEP: **443262**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **53,453.91**

Date Started: **10 Jun 95**

Northing: **5,933,169.00**

Date Completed: **11 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.9** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **49.4** Bottom (m): **49.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **49.4** to **50.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **18.6** Drawdown (m): **2.1**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.9	711.1			Clay
32.0	702.0			Sand Silty
45.7	688.3			Clay
48.8	685.2			Clay & Coal
50.3	683.7			Sand
50.9	683.1			Sand & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-053-02 W5M**

Well Number **07597**

Well Owner: **Zemenchik, Marie/Mike**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **734**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366446**  
 Easting: **53,453.91**  
 Northing: **5,933,169.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-053-02 W5M**

Well Number **07598**

Well Owner: **Cove, Jack**

Elevation (AMSL) (m): **753**

AEP: **402547**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **53,311.69**

Date Started: **24 Mar 95**

Northing: **5,932,138.50**

Date Completed: **30 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **33.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **75.3** Bottom (m): **75.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **75.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.8** Bottom (m): **93.6**  
 Perforated How: **Saw**  
 from (m): **76.8** to **93.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **93.6**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **78.6** Drawdown (m): **44.8**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.9	736.7	Clay Sandy Yellow
31.1	721.4	Clay Blue
63.7	688.8	Sand
66.4	686.1	Sandstone
76.8	675.7	Shale Green
78.6	673.9	Sandstone
80.5	672.0	Shale Gray
84.7	667.8	Shale Green
86.0	666.6	Sandstone
89.3	663.2	Shale Gray
92.7	659.9	Sandstone
93.6	658.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07599**

Well Owner: **Culling, Bill**

Elevation (AMSL) (m): **758**

AEP: **365425**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **53,482.50**

Date Started: **19 Jun 92**

Northing: **5,932,431.00**

Date Completed: **19 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **57.3** Bottom (m): **57.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **73.2**  
 Perforated How: **Hand Drill**  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **73.2** Drawdown (m): **45.7**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.6	746.8	Sand Silty Brown
31.4	726.9	Sand Silty Gray
35.0	723.3	Clay & Rocks Silty
44.2	714.1	Clay
51.5	706.8	Sand
52.1	706.2	Clay
57.3	701.0	Sandstone
57.9	700.4	Shale Gray
63.7	694.6	Sandstone
64.9	693.4	Shale Gray
68.6	689.8	Sandstone
70.1	688.2	Shale
71.9	686.4	Sandstone
73.2	685.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07600**

Well Owner: **Duncan, Valene/Allan, Spence**

Elevation (AMSL) (m): **765**

AEP: **365833**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **53,600.61**

Date Started: **22 Jul 92**

Northing: **5,932,240.50**

Date Completed: **22 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **58.8** Bottom (m): **58.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **58.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **57.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **42.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	754.2	Sand Brown
16.8	748.1	Clay Sandy
32.0	732.8	Sand Gray
50.3	714.6	Sand & Gravel
56.7	708.2	Clay
57.9	706.9	Shale
62.5	702.4	Sandstone
64.9	699.9	Shale Green
67.1	697.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07601**

Well Owner: **Enright Steve**

Elevation (AMSL) (m): **750**

AEP: **351061**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **53,395.28**

Date Started: **12 Dec 89**

Northing: **5,932,656.50**

Date Completed: **14 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): Bottom (m):  
 Perforated How: **Machine**  
 from (m): **61.9** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **36.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	745.9	Clay Brown
55.2	695.0	Unknown
57.6	692.6	Shale Green
62.2	688.0	Shale Gray
71.9	678.3	Sandstone
73.2	677.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 11-053-02 W5M**

Well Number **07602**

Well Owner: **Guenette, Dennis/Kathy**

Elevation (AMSL) (m): **754**

AEP: **364755**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **53,124.53**

Date Started: **14 May 92**

Northing: **5,932,316.50**

Date Completed: **14 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **57.0** Bottom (m): **57.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **56.4** to **57.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.3**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **57.0** to **66.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **68.4**

<b>Depth (m)</b>	<b>Elevation (BGL) (AMSL) (m)</b>	<b>Lithologic Description</b>
20.4	733.6	Silt Brownish Yellow
25.3	728.8	Sand Fine Grained Brown
26.5	727.5	Clay Soft Blue
30.8	723.3	Sand Gray
32.6	721.4	Clay Blue
55.8	698.3	Sand & Rocks Coarse Grained Gr
57.6	696.5	Shale Green
60.0	694.0	Sandstone Fine Grained
62.5	691.6	Sandstone Medium Grained
64.3	689.7	Shale Green
66.4	687.6	Sandstone Medium Grained
67.1	687.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07603**

Well Owner: **Hine, Lenard**

Elevation (AMSL) (m): **761**

AEP: **369876**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,527.93**

Date Started: **04 Nov 92**

Northing: **5,932,365.50**

Date Completed: **11 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.8** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **73.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.0** Bottom (m): **73.8**  
 Perforated How: **Saw**  
 from (m): **64.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **48.8** Drawdown (m): **14.6**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.0	747.1	Clay Sandy Yellow
25.0	736.1	Clay Blue
45.1	716.0	Sand
49.7	711.4	Clay Blue
55.5	705.6	Sand
57.0	704.1	Gravel
58.2	702.9	Clay Blue
65.2	695.9	Shale Green
70.4	690.7	Sandstone
73.8	687.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07604**

Well Owner: **Johnson, Dennis**

Elevation (AMSL) (m): **758**

AEP: **365427**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **53,482.50**

Date Started: **02 Jul 92**

Northing: **5,932,431.00**

Date Completed: **02 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **61.0** to **61.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.2** Bottom (m): **73.2**  
 Perforated How: **Hand Drill**  
 from (m): **61.9** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **114.0** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **12.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.6	739.7	Till Brownish Yellow
35.7	722.7	Clay Soft Blue
52.7	705.6	Sand Fine Grained Gray
53.6	704.7	Clay Blue
57.3	701.0	Sand & Coal Gravelly
59.4	698.9	Clay Blue
60.0	698.3	Sandstone Fine Grained
63.4	694.9	Shale Greenish Gray
67.7	690.7	Sandstone Medium Grained
70.4	687.9	Shale Green
73.2	685.2	Sandstone Medium Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07605**

Well Owner: **Landreville, Lynette**

Elevation (AMSL) (m): **758**

AEP: **357992**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **53,482.50**

Date Started: **25 Apr 91**

Northing: **5,932,431.00**

Date Completed: **25 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **32.0** to **33.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **32.0**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	749.2	Clay Yellow
13.7	744.6	Clay Brown
18.3	740.0	Clay Silty Yellow
27.4	730.9	Clay Silty Blue
33.5	724.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07606**

Well Owner: **Mccreath, Glen**

Elevation (AMSL) (m): **755**

AEP: **363006**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **53,204.48**

Date Started: **05 Feb 92**

Northing: **5,932,622.00**

Date Completed: **05 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **37.2** to **38.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.7	734.0	Clay Sandy Yellow
36.0	718.8	Clay Sandy Blue
39.0	715.8	Sand
42.7	712.1	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07607**

Well Owner: **Monea, Dwight**

Elevation (AMSL) (m): **758**

AEP: **397102**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,482.50**

Date Started: **18 Jul 94**

Northing: **5,932,431.00**

Date Completed: **21 Jul 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **64.9** Bottom (m): **64.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **64.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **63.4** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **64.9** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: S5p4co2tl S/R**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **16.1**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.9	739.4			Clay Sandy Yellow
29.3	729.1			Clay Blue
29.9	728.5			Sand Fine Grained
30.5	727.9			Clay Blue
31.7	726.6			Sand Fine Grained
43.0	715.4			Clay Blue
45.4	712.9			Sand
46.0	712.3			Clay Blue
46.9	711.4			Clay Sandy Blue
61.9	696.5			Sand & Coal
62.8	695.5			Gravel
64.0	694.3			Rocks
64.6	693.7			Clay Blue
65.8	692.5			Shale Gray
70.4	687.9			Shale Sandy Gray
71.9	686.4			Shale Green
73.2	685.2			Shale Sandy Gray
74.4	684.0			Shale Green
75.9	682.4			Shale Sandy Gray
77.7	680.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07608**

Well Owner: **Siebenga, John**

Elevation (AMSL) (m): **753**

AEP: **360264**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **53,115.45**

Date Started: **27 Aug 91**

Northing: **5,932,665.50**

Date Completed: **30 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **58.2** Bottom (m): **58.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap**  
 from (m): to **57.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **82.3**  
 Perforated How: **Machine**  
 from (m): **67.1** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: 18 Stage**  
 Model: **Jacuzzi** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **70.1** Drawdown (m): **47.2**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	744.7	Clay Brown
18.3	735.0	Clay Blue
36.6	716.7	Clay Silty Blue
48.8	704.5	Clay & Rocks
57.9	695.4	Shale Green
58.2	695.1	Shale Hard
64.0	689.3	Sandstone Gray
67.4	685.9	Shale Green
70.1	683.2	Sandstone
75.6	677.7	Shale Gray
80.8	672.5	Sandstone
82.3	671.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**SW 11-053-02 W5M**

Well Number **07609**

Well Owner: **Tomchuk, Bruce/Hugutte**

Elevation (AMSL) (m): **758**

AEP: **365426**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **53,482.50**

Date Started: **20 Jun 92**

Northing: **5,932,431.00**

Date Completed: **20 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **57.9** Bottom (m): **57.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Hand Drill**  
 from (m): **57.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **41.2**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.5	741.9	Sand Silty
33.5	724.8	Sand Light Gray
44.5	713.8	Sand & Rocks
52.4	705.9	Clay & Rocks
56.1	702.3	Sand
59.7	698.6	Sandstone
61.0	697.4	Shale Gray
62.5	695.9	Sandstone
63.7	694.6	Shale
66.4	691.9	Sandstone
67.1	691.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



---12-053-02 W5M

Well Number 07610

Well Owner: **Dubreuil, J.**

Elevation (AMSL) (m): **761**

AEP: **368632**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **55,522.05**

Date Started:

Northing: **5,932,862.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-02 W5M**

Well Number **07611**

Well Owner: **Barlund, D.&J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366447**  
 Easting: **55,008.28**  
 Northing: **5,933,108.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **86.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 12-053-02 W5M**

Well Number **07612**

Well Owner: **Ziprick, Dave**

Elevation (AMSL) (m): **759**

AEP: **373939**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,102.08**

Date Started: **30 Aug 93**

Northing: **5,933,116.50**

Date Completed: **31 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **105.2** (m)  
 NPWL (m): **36.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **76.8** Bottom (m): **76.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.4** to **76.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **75.3** Bottom (m): **105.2**  
 Perforated How: **Saw**  
 from (m): **91.4** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **76.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **18.6**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
25.3	734.1			Clay Sandy Yellow
36.9	722.5			Clay Sandy Blue
51.2	708.2			Sand
68.3	691.1			Clay Blue
72.2	687.1			Sandstone
79.6	679.8			Shale Green
85.0	674.3			Shale Gray
91.7	667.6			Sandstone
95.7	663.7			Shale Gray
98.5	660.9			Shale Green
101.8	657.6			Sandstone
105.2	654.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 12-053-02 W5M**

Well Number **07613**

Well Owner: **Ady, John/Yvonne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **762**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **369029**  
 Easting: **55,983.77**  
 Northing: **5,932,504.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-053-02 W5M**

Well Number **07614**

Well Owner: **Brule, Emil**

Elevation (AMSL) (m): **762**

AEP: **350502**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **55,983.77**

Date Started: **09 Apr 90**

Northing: **5,932,504.00**

Date Completed: **12 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **73.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **80.8** Bottom (m): **93.0**  
 Perforated How: **Machine**  
 from (m): **80.8** to **93.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **20.5** Time (minute): **360.0**  
 Level End (m): **79.2** Drawdown (m): **42.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	753.0	Clay
16.8	745.4	Clay Sandy
30.5	731.7	Clay Silty
36.6	725.6	Clay Silty
53.3	708.8	Sand
57.9	704.2	Clay Silty
67.1	695.1	Till Sandy
68.6	693.6	Shale Gray
73.2	689.0	Shale Gray
79.2	682.9	Shale Green
82.3	679.9	Shale & Sandstone Gray
88.4	673.8	Shale Green
92.4	669.8	Sandstone
93.0	669.2	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-02 W5M**

Well Number **07615**

Well Owner: **Daly, William John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **759**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367634**  
 Easting: **55,609.87**  
 Northing: **5,932,161.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-053-02 W5M**

Well Number **07616**

Well Owner: **Krouse, Doug**

Elevation (AMSL) (m): **771**

AEP: **357920**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **56,023.67**

Date Started: **13 Sep 90**

Northing: **5,932,556.00**

Date Completed: **18 Sep 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **96.9** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Welded Ring**  
 from (m): to **85.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **93.3**  
 Perforated How: **Machine**  
 from (m): **85.3** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub, 18 Stage**

Model: **Jacuzzi** Intake (m): **79.2**

**Testing:**

Rate (lpm): **9.1** Time (minute): **1440.0**  
 Level End (m): **73.2** Drawdown (m): **36.6**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	766.9			Sand Silty Brown
13.7	756.8			Clay Silty Blue
33.5	737.0			Clay Blue
40.8	729.7			Sand & Gravel
58.5	712.0			Silt Blue
67.4	703.2			Clay Blue
72.2	698.3			Shale Gray
74.4	696.2			Shale Green
79.6	691.0			Shale Gray
84.4	686.1			Sandstone
88.1	682.5			Shale Green
89.0	681.5			Sandstone Gray
92.4	678.2			Shale Gray
94.5	676.1			Sandstone
96.9	673.6			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-02 W5M**

Well Number **07617**

Well Owner: **Krouse, Doug**

Elevation (AMSL) (m): **762**

AEP: **365177**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **55,983.77**

Date Started: **29 May 92**

Northing: **5,932,504.00**

Date Completed: **31 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **105.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **76.2** Bottom (m): **76.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **73.2** to **76.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **73.2** Bottom (m): **105.2**  
 Perforated How: **Saw**  
 from (m): **91.4** to **105.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **91.4**

**Testing:**

Rate (lpm): **9.1** Time (minute): **1440.0**  
 Level End (m): **76.2** Drawdown (m): **45.7**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	743.9			Clay Silty
29.0	733.2			Clay Blue
42.7	719.5			Silt Blue
64.0	698.2			Sand
68.6	693.6			Shale
82.3	679.9			Shale Green
86.9	675.3			Sandstone
94.5	667.7			Shale Gray
105.2	657.0			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 12-053-02 W5M**

Well Number **07618**

Well Owner: **Russell, Robert/Joanne**

Elevation (AMSL) (m): **758**

AEP: **367067**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **55,892.14**

Date Started: **02 Nov 92**

Northing: **5,932,242.50**

Date Completed: **03 Nov 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **100.6** (m)  
 NPWL (m): **36.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **69.5** Bottom (m): **69.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **68.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.0** Bottom (m): **99.1**  
 Perforated How: **Machine**  
 from (m): **74.7** to **99.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 7g07412** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **33.2**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	747.4	Silt Sandy Brown
29.3	728.5	Clay Silty Gray
41.8	716.0	Silt Sandy Gray
50.0	707.8	Clay Sandy Gray
50.9	706.9	Clay & Coal
52.1	705.7	Sand & Gravel
56.7	701.1	Clay Gray
63.7	694.1	Clay Sandy Gray
66.8	691.0	Sand Silty Light Gray
68.9	688.9	Clay Gray
70.4	687.4	Shale Green
75.6	682.2	Shale Sandy Gray
78.3	679.5	Shale Green
83.8	674.0	Sand & Shale Gray
100.6	657.2	Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-02 W5M**

Well Number **07619**

Well Owner: **Trudel Construction Job 90-108**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **760**      AEP: **352279**  
 Licence No.:      Easting: **56,153.72**  
 Date Started: **10 Sep 90**      Northing: **5,932,109.50**  
 Date Completed: **12 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **103.6** (m)  
 NPWL (m): **33.5**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.2**      Bottom (m): **73.2**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m):      to **73.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **73.2**      Bottom (m): **103.6**  
 Perforated How: **Other**  
 from (m): **76.2**      to **103.6**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **16.0**      Time (minute): **240.0**  
 Level End (m): **73.2**      Drawdown (m): **39.6**  
 Rec'd intake (m):      Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	745.7	Clay Sandy Yellow
22.6	737.8	Clay Sandy Blue
34.4	725.9	Sand
50.9	709.5	Clay Sandy Blue
54.3	706.1	Sand
66.8	693.6	Clay Blue
71.0	689.3	Sandstone
77.4	682.9	Shale Green
80.2	680.2	Sandstone
84.7	675.6	Shale Green
88.1	672.3	Sandstone
95.4	665.0	Shale Green
97.8	662.5	Sandstone
101.5	658.9	Shale Gray
103.6	656.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-053-02 W5M**

Well Number **07620**

Well Owner: **Huston, Lyle**

Elevation (AMSL) (m): **748**

AEP: **353714**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,776.53**

Date Started: **07 Nov 90**

Northing: **5,932,683.50**

Date Completed: **09 Nov 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **61.9** Bottom (m): **61.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **61.9**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **58.8** Bottom (m): **78.0**  
 Perforated How:  
 from (m): **58.8** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **41.2** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	731.6	Clay Yellow
32.0	716.4	Clay Blue
35.0	713.3	Sand
41.2	707.2	Clay Blue
44.2	704.2	Sand
56.4	692.0	Clay Blue
59.4	688.9	Shale Sandy Gray
63.7	684.7	Shale Green
70.7	677.7	Shale Sandy Gray
71.9	676.4	Shale Green
76.2	672.2	Shale Sandy Gray
77.4	670.9	Shale Green
78.6	669.7	Shale Sandy Gray
78.9	669.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-053-02 W5M**

Well Number **07621**

Well Owner: **Schneider, Wolf**

Elevation (AMSL) (m): **762**

AEP: **354525**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **55,400.45**

Date Started: **21 Apr 76**

Northing: **5,932,486.00**

Date Completed: **22 Apr 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **68.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	758.9	Sand
18.3	743.6	Clay Sandy Brown
39.6	722.3	Till
57.3	704.6	Sand & Coal
66.4	695.5	Till
77.7	684.2	Shale & Sandstone Soft Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**WH 12-053-02 W5M**

Well Number **07622**

Well Owner: **Hengst, Karl F**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **758**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361712**  
 Easting: **55,159.85**  
 Northing: **5,932,338.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-053-02 W5M**

Well Number **07623**

Well Owner: **Bazinet, Ray**

Elevation (AMSL) (m): **725**

AEP: **397107**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **54,292.29**

Date Started: **25 Jul 94**

Northing: **5,934,865.00**

Date Completed: **02 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **50.3**  
 Perforated How: **Torch**  
 from (m): **45.7** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05** Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **180.0**  
 Level End (m): **22.9** Drawdown (m): **9.8**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	715.6	Clay Sandy
26.5	698.2	Sand
37.5	687.3	Till & Clay
41.2	683.6	Sand
42.1	682.7	Clay
43.9	680.9	Sandstone
48.8	676.0	Shale Blue
50.3	674.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-02 W5M**

Well Number **07624**

Well Owner: **Blaikie, Chuck**

Elevation (AMSL) (m): **720**

AEP: **365602**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **53,937.19**

Date Started: **22 Jun 92**

Northing: **5,934,984.00**

Date Completed: **23 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **42.7** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 14-053-02 W5M**

Well Number **07625**

Well Owner: **Bradshaw, Doug/Theresa**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366633**  
 Easting: **54,394.61**  
 Northing: **5,934,531.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **59.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 14-053-02 W5M**

Well Number **07626**

Well Owner: **Branting**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368932**  
 Easting: **53,980.83**  
 Northing: **5,934,594.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 14-053-02 W5M**

Well Number **07627**

Well Owner: **McLean, Scott**

Elevation (AMSL) (m): **728**

AEP: **377796**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **54,344.69**

Date Started: **10 Feb 94**

Northing: **5,934,636.55**

Date Completed: **18 Feb 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **9.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **50.3** to **51.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **51.8** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **33.2**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.4	721.2	Clay Brown
23.2	704.5	Clay Gray
37.5	690.1	Sand Fine Grained Gray
45.1	682.5	Clay Gray
47.9	679.8	Shale Green
49.4	678.2	Sandstone
52.7	674.9	Shale Green
53.6	674.0	Sandstone
54.6	673.1	Shale Green
57.0	670.6	Sandstone
59.4	668.2	Shale Gray
60.4	667.3	Shale Green
62.8	664.8	Sandstone
64.3	663.3	Shale Gray
65.2	662.4	Shale Brown
66.1	661.5	Shale Green
68.3	659.3	Sandstone
70.1	657.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 14-053-02 W5M**

Well Number **07628**

Well Owner: **Piche, R.**

Elevation (AMSL) (m): **722**

AEP: **373941**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **53,943.21**

Date Started: **08 Nov 93**

Northing: **5,934,862.00**

Date Completed: **10 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **39.9** to **41.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **45.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g0542z** Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **28.4**  
 Rec'd intake (m): **42.1** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	718.3	Clay Brown
38.7	683.5	Sand & Coal
40.8	681.4	Sandstone
43.6	678.7	Shale Green
44.8	677.4	Sandstone
47.6	674.7	Shale Green
49.7	672.6	Sandstone
50.9	671.3	Shale Green
54.0	668.3	Sandstone
55.2	667.1	Shale Green
58.8	663.4	Sandstone
59.7	662.5	Shale Green
61.0	661.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-02 W5M**

Well Number **07629**

Well Owner: **Scontrino, Joe**

Elevation (AMSL) (m): **726**

AEP: **350631**

Drilling Contractor: *Mcginn, Gerald Drilling Ltd.*

Licence No.:

Easting: **54,579.68**

Date Started: **17 Apr 90**

Northing: **5,935,029.00**

Date Completed: **17 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **32.9** to **34.4** Size: **0.10**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **25.9** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
18.3	707.5			Clay Soft Yellow
32.0	693.8			Clay Blue
35.0	690.7			Sand
36.3	689.5			Clay Blue
39.3	686.4			Sand
41.2	684.6			Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-02 W5M**

Well Number **07630**

Well Owner: **Spreen, Brian/Carla**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **725**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361713**  
 Easting: **54,292.29**  
 Northing: **5,934,865.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **53.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 15-053-02 W5M**

Well Number **07631**

Well Owner: **Washylk, Irene**

Elevation (AMSL) (m): **717**

AEP: **399737**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **52,678.18**

Date Started: **25 Apr 94**

Northing: **5,934,806.50**

Date Completed: **25 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.4** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **27.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **41.5**  
 Perforated How: **Saw**  
 from (m): **27.4** to **41.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **95.8** Time (minute): **120.0**  
 Level End (m): **1.5** Drawdown (m): **1.5**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **95.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	714.6	Clay & Rocks Sandy Yellow
5.5	711.5	Clay Hard Yellow
14.6	702.4	Clay Blue
18.3	698.7	Sand & Gravel Pea
19.8	697.2	Clay Blue
25.6	691.4	Clay Sandy Yellow
29.6	687.4	Shale Green
32.9	684.1	Shale Sandy Gray
36.3	680.7	Shale Green
42.4	674.6	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 15-053-02 W5M**

Well Number **07632**

Well Owner: **Hrasko, John**  
 Drilling Contractor: *McGinnis Robert*

Elevation (AMSL) (m): **734**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Jun 72**  
 AEP: **358188**  
 Easting: **51,568.85**  
 Northing: **5,934,984.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.1** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **117.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jacuzzi**  
 Model: **Sub** Intake (m):

**Testing:**  
 Rate (lpm): **73.0** Time (minute):  
 Level End (m): **6.7** Drawdown (m): **25.0**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	729.1	Clay & Rocks Brown
7.9	726.3	Clay Brown
23.5	710.8	Clay & Rocks Gray
23.8	710.5	Limestone
30.2	704.1	Clay Gray
30.5	703.8	Sand & Gravel
32.3	701.9	Clay & Coal Sandy
32.9	701.3	Sand & Rocks Soft
43.3	691.0	Shale Water Bearing Gray
45.1	689.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 15-053-02 W5M**

Well Number **07633**

Well Owner: **Hrasko, John**

Elevation (AMSL) (m): **734**

AEP: **443276**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **51,568.85**

Date Started: **27 May 95**

Northing: **5,934,971.50**

Date Completed: **28 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **45.7**  
 Perforated How: **Saw**  
 from (m): **39.6** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **12.8** Drawdown (m): **2.4**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	731.0	Clay & Rocks
7.9	726.2	Clay Blue
8.2	725.9	Clay Brown
32.0	702.1	Clay Blue
38.4	695.7	Shale Gray
40.8	693.2	Shale Green
41.2	692.9	Coal
45.7	688.4	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 16-053-02 W5M**

Well Number **07634**

Well Owner: **Western Jackpot C/O Mckay, R**

Elevation (AMSL) (m): **738**

AEP: **366877**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **51,167.69**

Date Started: **23 Oct 92**

Northing: **5,934,930.00**

Date Completed: **26 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **59.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **37.8**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **34.1** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **34.1** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	728.7	Clay & Rocks Yellow
9.1	728.4	Sand
33.5	704.0	Clay Blue
37.2	700.4	Clay Yellow
38.7	698.9	Shale Green
42.1	695.5	Sandstone
46.3	691.2	Shale Green
47.9	689.7	Shale Sandy Gray
50.3	687.3	Sandstone & Rocks
54.9	682.7	Shale Green
59.1	678.4	Shale Sandy Gray
59.4	678.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07635**

Well Owner: **Caissie, Vince**

Elevation (AMSL) (m): **750**

AEP: **362768**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,647.66**

Date Started: **02 Dec 91**

Northing: **5,934,574.50**

Date Completed: **03 Dec 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.6** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **44.8**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **44.8**  
 Perforated How: **Unknown**  
 from (m): **29.6** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	744.2	Clay & Rocks	Yellow	
12.2	738.1	Clay & Sand	Yellow	
25.9	724.4	Sand & Gravel		
31.4	718.9	Clay	Blue	
32.9	717.4	Shale	Sandy Gray	
34.1	716.2	Shale	Green	
41.2	709.2	Shale	Sandy Gray	
46.6	703.7	Shale	Green	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-053-02 W5M**

Well Number **07636**

Well Owner: **Casey, Mike**

Elevation (AMSL) (m): **750**

AEP: **351887**

Licence No.:

Easting: **48,647.66**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **25 Jul 90**

Northing: **5,934,574.50**

Date Completed: **26 Jul 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.2** Bottom (m): **44.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap**  
 from (m): **44.2** to

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **44.2** Bottom (m): **63.1**  
 Perforated How: **Machine**  
 from (m): **44.2** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	743.6	Clay	Yellow	
13.1	737.2	Clay	Blue	
16.1	734.2	Gravel		
33.8	716.5	Clay	Blue	
35.0	715.3	Clay	Yellow	
36.9	713.4	Shale	Sandy Gray	
47.2	703.1	Shale	Gray	
47.9	702.5	Sandstone		
49.7	700.6	Shale	Sandy Gray	
55.5	694.8	Shale	Green	
63.7	686.6	Shale	Sandy Gray	
64.0	686.3	Shale	Green	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 17-053-02 W5M**

Well Number **07637**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **361096**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **20 Sep 91**

Northing: **5,934,574.50**

Date Completed: **21 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.4** Bottom (m): **35.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **35.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.4** Bottom (m): **42.7**  
 Perforated How: **Other**  
 from (m): **35.0** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **33.5** Drawdown (m): **9.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	747.9	Clay Yellow
12.8	737.5	Clay Blue
14.6	735.7	Sand & Gravel
31.7	718.6	Clay Blue
33.2	717.1	Sandstone
36.0	714.4	Shale Green
37.8	712.5	Sandstone
39.0	711.3	Shale Green
42.7	707.6	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07638**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **361099**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **15 Oct 91**

Northing: **5,934,574.50**

Date Completed: **15 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.9** Bottom (m): **45.7**  
 Perforated How: **Other**  
 from (m): **39.6** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **180.0**  
 Level End (m): **33.5** Drawdown (m): **8.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	745.1			Clay Yellow
17.7	732.6			Clay Blue
18.9	731.4			Sand & Gravel
34.4	715.9			Clay Blue
40.8	709.5			Shale Green
43.9	706.4			Sandstone
45.7	704.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 17-053-02 W5M**

Well Number **07639**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **404687**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **15 Oct 94**

Northing: **5,934,574.50**

Date Completed: **17 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **37.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **46.9**  
 Perforated How: **Saw**  
 from (m): **39.0** to **46.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **46.6**

**Testing:**

Rate (lpm): **104.9** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **30.8**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.9	742.4			Clay Yellow
16.8	733.6			Clay Blue
23.8	726.5			Sand
31.1	719.2			Clay Blue
39.0	711.3			Shale Green
44.5	705.8			Sandstone
46.9	703.4			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07640**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **353013**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **24 Oct 90**

Northing: **5,934,574.50**

Date Completed: **24 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **34.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.9** Bottom (m): **48.8**  
 Perforated How: **Other**  
 from (m): **36.6** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	746.7			Clay Yellow
8.2	742.1			Clay Blue
11.6	738.7			Sand
21.6	728.7			Clay Silty Blue
26.8	723.5			Sand
29.6	720.8			Clay Blue
31.1	719.2			Shale Gray
36.9	713.4			Shale Green
38.4	711.9			Sandstone
42.4	707.9			Shale Gray
46.0	704.3			Sandstone
48.8	701.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07641**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **366257**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **14 Jul 92**

Northing: **5,934,574.50**

Date Completed: **15 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **49.4** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **39.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **49.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **6.4**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	747.0			Clay Sandy Yellow
11.0	739.3			Clay & Boulders Sandy Blue
22.6	727.8			Sand
32.9	717.4			Clay Blue
35.4	715.0			Sandstone
40.2	710.1			Shale Green
41.5	708.9			Sandstone
44.2	706.1			Shale Gray
47.9	702.5			Sandstone
49.4	700.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 17-053-02 W5M**

Well Number **07642**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **361097**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **07 Oct 91**

Northing: **5,934,574.50**

Date Completed: **08 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **34.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.2** Bottom (m): **52.7**  
 Perforated How: **Other**  
 from (m): **45.7** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **30.5** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.4	743.9	Clay Yellow
11.0	739.3	Clay Blue
17.4	732.9	Sand & Gravel
29.9	720.4	Clay Blue
38.7	711.6	Shale Green
47.6	702.8	Shale Gray
50.9	699.4	Sandstone
52.7	697.6	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 17-053-02 W5M**

Well Number **07643**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **404688**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **26 Oct 94**

Northing: **5,934,574.50**

Date Completed: **27 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **39.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **37.5** Bottom (m): **52.7**  
 Perforated How: **Saw**  
 from (m): **41.2** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **52.7**

**Testing:**

Rate (lpm): **79.8** Time (minute): **120.0**  
 Level End (m): **36.9** Drawdown (m): **10.1**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	743.0			Clay Sandy Yellow
27.1	723.2			Sand & Gravel Pea
34.1	716.2			Clay Blue
37.8	712.5			Shale Gray
42.1	708.3			Shale Green
46.9	703.4			Sandstone
48.8	701.5			Shale Green
51.2	699.1			Sandstone
52.7	697.6			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07644**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **369878**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **20 May 93**

Northing: **5,934,574.50**

Date Completed: **21 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.0** (m)  
 NPWL (m): **27.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **35.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **34.1** Bottom (m): **53.0**  
 Perforated How: **Saw**  
 from (m): **40.8** to **53.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **53.0**

**Testing:**

Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **8.8**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	743.9			Clay Sandy Yellow
16.8	733.6			Sand
17.4	732.9			Clay Blue
21.6	728.7			Sand & Gravel Pea
32.3	718.0			Clay Blue
42.1	708.3			Shale Green
50.9	699.4			Sandstone
53.0	697.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07645**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **353012**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **22 Oct 90**

Northing: **5,934,574.50**

Date Completed: **22 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **36.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **54.9**  
 Perforated How: **Other**  
 from (m): **38.1** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	743.9			Clay Yellow
20.7	729.6			Sand
28.7	721.7			Sand & Gravel
33.2	717.1			Clay Blue
39.0	711.3			Shale Green
39.9	710.4			Sandstone
42.4	707.9			Shale Gray
43.3	707.0			Sandstone
49.7	700.6			Shale Green
52.1	698.2			Sandstone
54.9	695.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 17-053-02 W5M**

Well Number **07646**

Well Owner: **Inex Trade Services**

Elevation (AMSL) (m): **750**

AEP: **366256**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **17 Aug 92**

Northing: **5,934,574.50**

Date Completed: **17 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **27.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **45.7** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **9.4**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	743.3			Clay Sandy Yellow
14.0	736.3			Clay Sandy Blue
16.5	733.9			Sand
33.2	717.1			Clay Sandy Blue
36.9	713.4			Sandstone
43.6	706.7			Shale Green
47.6	702.8			Shale Gray
53.0	697.3			Sandstone
54.9	695.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07647**

Well Owner: **Inex Trade Services/Mucha, P**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started: **09 Oct 91**  
 Date Completed: **09 Oct 91**  
 AEP: **361098**  
 Easting: **48,647.66**  
 Northing: **5,934,574.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.5** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **36.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **55.5**  
 Perforated How: **Other**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **33.5** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	746.7	Clay & Rocks Yellow
6.7	743.6	Sand
32.3	718.0	Clay Sandy Blue
35.7	714.7	Shale Gray
42.1	708.3	Shale Green
50.9	699.4	Shale Gray
54.3	696.1	Sandstone
55.5	694.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07648**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **750**

AEP: **373950**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **19 Oct 93**

Northing: **5,934,574.50**

Date Completed: **19 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): **4.6** to **30.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **41.2**  
 Perforated How: **Saw**  
 from (m): **33.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **41.2**

**Testing:**

Rate (lpm): **86.7** Time (minute): **220.0**  
 Level End (m): **31.7** Drawdown (m): **12.5**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	747.9			Clay Yellow
4.9	745.4			Clay Blue
9.8	740.6			Sand
25.3	725.0			Clay Blue
33.8	716.5			Shale Green
35.4	715.0			Sandstone
37.8	712.5			Shale Gray
39.6	710.7			Sandstone
41.2	709.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07649**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **750**

AEP: **418201**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **23 Oct 95**

Northing: **5,934,574.50**

Date Completed: **24 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.5** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **32.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **41.5**  
 Perforated How: **Saw**  
 from (m): **35.4** to **41.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **41.5**

**Testing:**

Rate (lpm): **41.1** Time (minute): **120.0**  
 Level End (m): **32.9** Drawdown (m): **10.4**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	745.1			Clay & Rocks Yellow
7.3	743.0			Clay Blue
9.4	740.9			Sand & Gravel
13.1	737.2			Clay Blue
17.1	733.2			Sand & Gravel
30.8	719.5			Clay Blue
32.6	717.7			Shale Green
34.1	716.2			Sandstone
36.9	713.4			Shale Gray
40.8	709.5			Sandstone
41.5	708.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NW 17-053-02 W5M**

Well Number **07650**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **750**

AEP: **373944**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **11 Nov 93**

Northing: **5,934,574.50**

Date Completed: **11 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.6** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **33.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **50.6**  
 Perforated How: **Saw**  
 from (m): **38.7** to **48.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **50.6**

**Testing:**

Rate (lpm): **273.6** Time (minute): **140.0**  
 Level End (m): **24.7** Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	747.6			Clay Sandy Yellow
4.9	745.4			Sand & Gravel
7.3	743.0			Clay Yellow
11.3	739.0			Clay Blue
13.7	736.6			Sand
28.4	722.0			Clay Sandy Blue
30.2	720.1			Shale Gray
39.0	711.3			Shale Green
40.8	709.5			Sandstone
44.8	705.5			Shale Gray
48.2	702.2			Sandstone
50.6	699.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 17-053-02 W5M**

Well Number **07651**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **750**

AEP: **379686**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **12 May 94**

Northing: **5,934,574.50**

Date Completed: **13 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **35.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **51.5**  
 Perforated How: **Saw**  
 from (m): **38.1** to **51.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **77.5** Time (minute): **120.0**  
 Level End (m): **40.2** Drawdown (m): **12.8**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	745.4			Clay Sandy Yellow
11.0	739.3			Clay Blue
26.2	724.1			Sand & Gravel
31.1	719.2			Clay Blue
32.9	717.4			Sandstone
38.4	711.9			Shale Green
40.2	710.1			Sandstone
43.0	707.3			Shale Gray
48.2	702.2			Sandstone Medium Grained
51.8	698.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07652**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **750**

AEP: **373948**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **48,647.66**

Date Started: **09 Oct 93**

Northing: **5,934,574.50**

Date Completed: **10 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **52.7** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): **4.6** to **40.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **52.7**  
 Perforated How: **Saw**  
 from (m): **41.2** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **91.2** Time (minute): **240.0**  
 Level End (m): **31.7** Drawdown (m): **3.4**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	746.7			Clay Yellow
13.4	736.9			Clay Blue
29.9	720.4			Sand & Gravel
34.4	715.9			Clay Blue
37.2	713.1			Sandstone Yellow
42.1	708.3			Shale Green
46.3	704.0			Sandstone
49.1	701.2			Shale Gray
51.2	699.1			Sandstone
52.7	697.6			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07653**

Well Owner: **Kent, Edward/Shelley**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366174**  
 Easting: **48,647.66**  
 Northing: **5,934,574.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-053-02 W5M**

Well Number **07654**

Well Owner: **Osborne, Ray**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **750**      AEP: **365317**  
 Licence No.:                              Easting: **48,647.66**  
 Date Started: **12 May 92**          Northing: **5,934,574.50**  
 Date Completed: **13 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **26.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8**                              Bottom (m): **51.8**  
 OD (mm): **114.3**                              Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):                              to **51.8**  
**Liner:**  
 Type:  
 OD (mm): **88.9**                              Thickness (mm): **0.1**  
 Top (m): **51.5**                              Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **52.1**                              to **59.4**                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Open Hole:**  
 from (m):                              to  
**Pump:**  
 Model:                              Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **456.1**                              Time (minute): **120.0**  
 Level End (m): **42.7**                              Drawdown (m): **15.9**  
 Rec'd intake (m): **42.7**                              Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	744.8	Clay Brown
10.7	739.6	Gravel
17.7	732.6	Clay Blue
25.9	724.4	Sand Gray
35.4	715.0	Clay Blue
37.8	712.5	Shale
38.4	711.9	Sandstone
42.7	707.6	Shale
43.3	707.0	Sandstone
54.9	695.5	Shale
58.5	691.8	Sandstone
61.0	689.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                              m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 17-053-02 W5M**

Well Number **07655**

Well Owner: **Osborne, Ray**

Elevation (AMSL) (m): **750**

AEP: **380524**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **48,647.66**

Date Started: **26 Aug 92**

Northing: **5,934,574.50**

Date Completed: **26 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **46.9**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **46.6** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **47.2** to **60.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **9.8**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	744.8	Clay
14.0	736.3	Sand & Gravel Coarse Grained
24.1	726.2	Clay Blue
27.1	723.2	Sand Coarse Grained Gray
35.0	715.3	Clay Blue
54.3	696.1	Shale
56.7	693.6	Sandstone
58.2	692.1	Shale
60.0	690.3	Sandstone
61.0	689.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07656**

Well Owner: **Saint, Stanley**

Elevation (AMSL) (m): **750**

AEP: **412704**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,647.66**

Date Started: **22 Nov 95**

Northing: **5,934,574.50**

Date Completed: **29 Nov 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **39.6**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **38.1** Bottom (m): **64.3**  
 Perforated How: **Saw**  
 from (m): **38.1** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **49.7**

**Testing:**

Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **38.1** Drawdown (m): **7.6**  
 Rec'd intake (m): **49.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	743.9			Clay & Rocks Yellow
30.5	719.8			Sand & Gravel
32.9	717.4			Clay Blue
37.8	712.5			Clay & Shale Blue Gray
38.1	712.2			Sandstone
39.0	711.3			Shale Gray
40.8	709.5			Shale Green
42.1	708.3			Shale Sandy Gray
50.9	699.4			Shale Green
53.0	697.3			Shale Sandy Gray
53.3	697.0			Sandstone
55.8	694.5			Shale Sandy Gray
57.0	693.3			Shale Green
63.4	686.9			Shale Sandy Gray
65.2	685.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-02 W5M**

Well Number **07657**

Well Owner: **Smith, Jason**

Elevation (AMSL) (m): **750**

AEP: **382570**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **48,647.66**

Date Started: **27 Apr 94**

Northing: **5,934,574.50**

Date Completed: **02 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.8** Bottom (m): **48.8**  
 Perforated How: **Torch**  
 from (m): **30.8** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05** Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **3.1**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	744.8	Clay
7.6	742.7	Sand & Gravel
25.9	724.4	Till Gray
28.0	722.3	Till Sandy
32.0	718.3	Shale Gray
35.0	715.3	Shale Green
40.2	710.1	Shale Blue
42.1	708.3	Shale & Sandstone Gray
48.8	701.5	Shale Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 17-053-02 W5M**

Well Number **07658**

Well Owner: **Stewart, Dean**

Elevation (AMSL) (m): **750**

AEP: **369877**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **48,647.66**

Date Started: **19 May 93**

Northing: **5,934,574.50**

Date Completed: **20 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.0** (m)  
 NPWL (m): **28.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **36.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **53.0**  
 Perforated How: **Saw**  
 from (m): **39.6** to **53.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **33.5** Drawdown (m): **5.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	745.1			Clay Sandy Yellow
11.6	738.7			Clay Blue
15.5	734.8			Sand & Gravel
17.1	733.2			Clay Blue
33.2	717.1			Sand
34.1	716.2			Clay Blue
44.2	706.1			Shale Green
53.0	697.3			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 17-053-02 W5M**

Well Number **07659**

Well Owner: **Chudoba, Gary**

Elevation (AMSL) (m): **733**

AEP: **378934**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **49,468.60**

Date Started: **19 Jun 95**

Northing: **5,933,770.00**

Date Completed: **19 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **15.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **41.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **57.9**  
 Perforated How: **Saw**  
 from (m): **43.3** to **46.3** Size:  
 from (m): **51.5** to **56.4** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **2.0**  
 Rec'd intake (m): **36.0** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	725.5	Clay & Rocks
25.0	708.1	Till Gray
29.6	703.5	Shale Fractured Green
34.1	699.0	Shale Green
39.0	694.1	Sandstone Gray
41.5	691.7	Shale Gray
43.3	689.8	Shale Green
46.3	686.8	Sandstone Gray
51.5	681.6	Shale Green
56.4	676.7	Sandstone Gray
57.9	675.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 17-053-02 W5M**

Well Number **07660**

Well Owner: **Yellowhead Ostrich Farm**

Elevation (AMSL) (m): **747**

AEP: **397109**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **48,605.41**

Date Started: **19 Jan 94**

Northing: **5,933,970.00**

Date Completed: **20 Jan 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **25.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **38.1**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **38.1** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **32.0**  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **25.9** Drawdown (m): **0.9**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	741.7	Clay & Rocks Yellow
10.4	736.9	Sand Fine Grained White
14.3	732.9	Clay Blue
15.5	731.7	Clay & Sand Blue
26.5	720.7	Clay Blue
27.7	719.5	Clay & Rocks Blue
29.0	718.3	Clay Blue
30.2	717.1	Clay & Sand Fine Grained White
34.8	712.5	Clay Blue
37.8	709.4	Clay Yellow
39.6	707.6	Shale Green
42.1	705.2	Shale Sandy Gray
45.1	702.1	Shale Light Gray
54.9	692.4	Sand & Rocks

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 18-053-02 W5M**

Well Number **07661**

Well Owner: **Monaghan, Wesley Kenneth**

Elevation (AMSL) (m): **756**

AEP: **356122**

Licence No.:

Easting: **47,639.86**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **04 Nov 75**

Northing: **5,934,739.00**

Date Completed: **06 Nov 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **56.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **44.8**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **55.2**  
 Perforated How: **Torch**  
 from (m): **44.8** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	749.7			Clay & Rocks Yellow
16.8	739.0			Clay Blue
18.9	736.9			Gravel
31.7	724.1			Clay & Rocks Blue
33.2	722.5			Shale Green
36.6	719.2			Shale Gray
46.9	708.8			Shale Greenish Gray
50.9	704.9			Sandstone
51.8	703.9			Soapstone
52.4	703.3			Shale Gray
54.6	701.2			Sandstone
56.1	699.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 18-053-02 W5M**

Well Number **07662**

Well Owner: **Willoughby, Jerry**

Elevation (AMSL) (m): **746**

AEP: **379420**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,959.79**

Date Started: **14 Jul 95**

Northing: **5,934,030.50**

Date Completed: **17 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **60.7** (m)  
 NPWL (m): **23.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.3** Bottom (m): **59.7**  
 Perforated How: **Saw**  
 from (m): **51.8** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **4.3**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	745.8	Topsoil Black
6.1	740.0	Clay & Rocks Yellow
14.3	731.8	Clay & Rocks Blue
16.1	729.9	Sand Coarse Grained
18.9	727.2	Clay Blue
19.8	726.3	Sand
29.3	716.8	Clay Hard Blue
32.3	713.8	Shale Sandy Gray
34.4	711.7	Shale Green
35.7	710.4	Shale Sandy Gray
38.4	707.7	Shale Green
39.6	706.5	Shale Sandy Gray
40.2	705.9	Shale Green
40.8	705.3	Sandstone
43.3	702.8	Shale Green
44.8	701.3	Shale Sandy Gray
50.0	696.1	Shale Green
51.2	694.9	Sandstone
53.6	692.5	Shale Green
59.4	686.7	Shale Sandy Gray
60.7	685.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-02 W5M**

Well Number **07663**

Well Owner: **Willoughy, Jerry**

Elevation (AMSL) (m): **746**

AEP: **365803**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,959.79**

Date Started:

Northing: **5,934,030.50**

Date Completed: **01 Jan 72**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **52.4** Bottom (m): **52.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **8.8**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **59.7**  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Mcdougall** Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **630.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	740.0	Clay Yellow
30.5	715.6	Clay Blue
32.9	713.2	Shale Light Gray
41.2	704.9	Shale Green
42.7	703.4	Shale Light Gray
46.3	699.8	Shale Light Gray
54.9	691.2	Shale Green
56.4	689.7	Shale Sandy Gray
59.7	686.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-19-053-02 W5M

Well Number 07664

Well Owner: **Alta Env #1191e**

Elevation (AMSL) (m): **769**

AEP: **401628**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **46,720.47**

Date Started:

Northing: **5,935,291.50**

Date Completed: **30 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	768.3	Till Clayey Brownish Gray
3.1	766.2	Sand & Silt Pebbly Brownish Gr
13.7	755.5	Silt Sandy Gray
17.1	752.2	Sand & Silt Oxidized Brownish
24.4	744.9	Sand & Coal Silty Brownish Gra
34.1	735.1	Siltstone Glacial Dark Gray
35.4	733.9	Coal
45.1	724.1	Siltstone Gray
48.8	720.5	Sandstone & Coal Very Fine Gra
51.8	717.4	Siltstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-19-053-02 W5M

Well Number 07665

Well Owner: **Thompson & Baldwin Investments**

Elevation (AMSL) (m): **761**

AEP: **369756**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **47,899.30**

Date Started: **03 Jul 80**

Northing: **5,935,353.00**

Date Completed: **03 Jul 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.9** (m)  
 NPWL (m): **45.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **60.4** to **61.9** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **57.0**

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **9.4**  
 Rec'd intake (m): **57.0** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.3	750.0	Clay Silty Brown
29.6	731.7	Clay Silty Gray
38.1	723.2	Clay & Coal Gray
45.4	715.9	Clay Silty
48.8	712.5	Sand & Coal
54.9	706.4	Sand Coarse Grained
57.9	703.4	Sand Fine Grained
61.9	699.4	Sand & Coal Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 19-053-02 W5M**

Well Number **07666**

Well Owner: **Inex Trade Svc**

Elevation (AMSL) (m): **789**

AEP: **373951**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **47,436.59**

Date Started: **14 Oct 93**

Northing: **5,936,589.00**

Date Completed: **18 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **61.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): **4.6** to **47.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **71.6**  
 Perforated How: **Saw**  
 from (m): **61.0** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **240.0**  
 Level End (m): **61.9** Drawdown (m):  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	786.9	Clay Yellow
39.6	749.7	Clay Blue
43.3	746.1	Sand & Gravel
52.4	736.9	Shale Gray
53.6	735.7	Sandstone
60.0	729.3	Shale Gray
68.9	720.5	Sandstone
71.6	717.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-053-02 W5M**

Well Number **07667**

Well Owner: **Lester, Loren**

Elevation (AMSL) (m): **779**

AEP: **379689**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **47,820.99**

Date Started: **10 May 94**

Northing: **5,936,177.00**

Date Completed: **11 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.3** (m)  
 NPWL (m): **56.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **53.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **70.1**  
 Perforated How: **Saw**  
 from (m): **56.1** to **69.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **56.7** Drawdown (m):  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	773.9	Clay Yellow
7.0	772.4	Clay Blue
32.6	746.8	Sand & Gravel
42.1	737.3	Clay Blue
46.0	733.4	Sandstone Yellow
51.2	728.2	Shale Gray
56.7	722.7	Shale Greenish Gray
67.4	712.0	Sandstone
71.3	708.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 19-053-02 W5M**

Well Number **07668**

Well Owner: **Witt, E.K.**

Elevation (AMSL) (m): **779**

AEP: **351884**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **47,820.99**

Date Started: **28 May 90**

Northing: **5,936,177.00**

Date Completed: **29 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **54.3** to **55.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **300.0**  
 Level End (m): **53.3** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	768.7	Clay
16.8	762.6	Sand Clayey
19.8	759.6	Clay Silty
24.4	755.0	Sand Fine Grained Gray
30.5	748.9	Clay Silty
32.0	747.4	Coal Sandy
39.6	739.8	Clay Silty
47.9	731.5	Coal Sandy
48.8	730.6	Sand & Gravel
53.3	726.0	Coal Sandy
56.7	722.7	Coal Sandy
57.9	721.5	Clay Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-02 W5M**

Well Number **07669**

Well Owner: **Baranieski, Merl**

Elevation (AMSL) (m): **783**

AEP: **418278**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,640.33**

Date Started: **30 Oct 95**

Northing: **5,936,221.00**

Date Completed: **03 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **52.1** Bottom (m): **52.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **52.1**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **50.6** Bottom (m): **81.4**  
 Perforated How: **Saw**  
 from (m): **52.1** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4c02tl 02 Sr** Intake (m): **72.5**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **7.6**  
 Rec'd intake (m): **72.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	780.8	Clay & Rocks Yellow
18.3	765.2	Clay & Rocks Blue
30.8	752.7	Clay Soft Blue
34.4	749.1	Gravel
34.8	748.7	Clay Sandy Yellow
35.4	748.1	Shale & Coal Brown
37.2	746.3	Shale Sandy Gray
37.8	745.7	Coal
39.9	743.6	Shale Sandy Gray
43.6	739.9	Shale Brittle Gray
51.5	732.0	Shale Sandy Gray
56.4	727.1	Shale Brittle Gray
58.5	725.0	Shale Sandy Gray
59.1	724.4	Shale & Coal Brown
63.1	720.4	Shale Sandy Gray
66.4	717.1	Shale Green
71.6	711.9	Shale Sandy Gray
73.8	709.7	Shale Green
74.1	709.4	Shale Sandy Gray
75.3	708.2	Sandstone
77.4	706.1	Shale Green
81.7	701.8	Shale Sandy Gray
82.3	701.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 19-053-02 W5M**

Well Number **07670**

Well Owner: **Burpee, Rod**

Elevation (AMSL) (m): **776**

AEP: **351992**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **47,009.53**

Date Started: **10 Aug 90**

Northing: **5,936,167.50**

Date Completed: **15 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.0** Bottom (m): **73.5**  
 Perforated How: **Machine**  
 from (m): **54.0** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	766.0	Clay Yellow
29.0	746.8	Clay Blue
31.4	744.3	Clay Yellow
32.6	743.1	Shale Gray
33.5	742.2	Shale Sandy Gray
34.1	741.6	Coal
36.9	738.8	Shale Sandy Gray
39.0	736.7	Shale Gray
39.6	736.1	Shale & Coal Brown
41.8	734.0	Shale Soft Gray
43.6	732.1	Shale & Coal Brown
52.4	723.3	Shale Green
54.9	720.9	Shale Gray
56.4	719.3	Shale Sandy Gray
57.9	717.8	Shale Green
65.5	710.2	Shale Sandy Gray
67.1	708.7	Shale Gray
71.3	704.4	Shale Sandy Gray
73.8	702.0	Shale Green
74.4	701.4	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 19-053-02 W5M**

Well Number **07671**

Well Owner: **Witt, E.K.**

Elevation (AMSL) (m): **772**

AEP: **357921**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **47,972.51**

Date Started: **28 May 90**

Northing: **5,935,878.00**

Date Completed: **29 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.3** Bottom (m): **54.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.1**  
 from (m): **54.3** to **55.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **53.3**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.7	760.8	Clay Hard
16.8	754.8	Sand & Clay Stringers
19.8	751.7	Clay Silty
24.4	747.1	Sand Fine Grained Gray
30.5	741.0	Sand & Clay Stringers Silty
32.0	739.5	Sand & Coal
39.6	731.9	Clay Silty
47.9	723.7	Sand & Coal
48.8	722.7	Sand Gray
53.3	718.2	Sand & Coal Fine Grained
56.7	714.8	Sand & Coal Coarse Grained
57.9	713.6	Clay Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-20-053-02 W5M

Well Number 07672

Well Owner: **Alta Env #1193e**

Elevation (AMSL) (m): **761**

AEP: **401629**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,245.66**

Date Started: **04 Jun 74**

Northing: **5,935,233.00**

Date Completed: **05 Jun 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
3.1	758.4	Clay & Silt Gravelly Brownish
4.6	756.9	Clay Stony Brownish Green
6.1	755.3	Clay Lacustrine Brownish Green
8.5	752.9	Clay & Sand Pebbly Brownish Gr
10.7	750.8	Sand Fine Grained Brownish Gra
15.9	745.6	Silt Lacustrine Dark Gray
19.8	741.6	Sand & Gravel Pea
24.4	737.1	Till & Clay Gravelly Dark Gray
29.0	732.5	Clay & Gravel Dark Gray
33.5	727.9	Clay & Sand Coarse Grained
34.1	727.3	Sand & Gravel Coarse Grained
37.2	724.3	Clay & Sand Stony Dark Gray
37.8	723.6	Siltstone Sandy Brownish Green
39.6	721.8	Siltstone Wapiti Gray
42.7	718.8	Siltstone & Sandstone Wapiti G
47.2	714.2	Siltstone & Sandstone Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

12-20-053-02 W5M

Well Number 07673

Well Owner: **Alta Env #1201e**

Elevation (AMSL) (m): **769**

AEP: **401630**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **48,241.77**

Date Started:

Northing: **5,936,119.00**

Date Completed: **13 Jun 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	768.9	Clay Soft Brown
3.1	766.4	Silt Soft Brown
3.7	765.8	Sand Soft Brown
6.1	763.4	Sand & Silt Pebbly Brown
7.6	761.9	Sand & Silt Soft Brown
19.5	750.0	Sand & Silt Pebbly Brownish Gr
20.1	749.4	Sand Soft Brownish Gray
33.5	736.0	Sand & Silt Pebbly Brownish Gr
40.2	729.3	Sand & Silt Pebbly Brownish Gr
41.5	728.0	Sandstone Medium Grained Brown
42.7	726.8	Siltstone & Sandstone Brownis
44.2	725.3	Sandstone & Coal Silty Brownis
46.0	723.5	Sandstone & Coal Very Fine Gra
47.2	722.2	Siltstone Hard Dark Gray
49.4	720.1	Siltstone & Coal Shaly Dark Gr
51.5	718.0	Sandstone Very Fine Grained Gr
51.8	717.7	Shale Hard Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 20-053-02 W5M**

Well Number **07674**

Well Owner: **Forss, Harold**

Elevation (AMSL) (m): **770**

AEP: **364756**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **49,568.75**

Date Started: **27 Apr 92**

Northing: **5,936,434.00**

Date Completed: **27 Apr 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **61.0**  
 Perforated How: **Hand Drill**  
 from (m): **48.8** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **18.3**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	761.9	Clay & Rocks Sandy
9.1	760.4	Sand
25.9	743.6	Clay Sandy Gray
28.4	741.2	Sand
33.5	736.0	Clay & Rocks Sandy
39.6	729.9	Gravel
40.8	728.7	Sand & Gravel
42.7	726.9	Sandstone
47.9	721.7	Shale
51.5	718.0	Sandstone
54.3	715.3	Shale Blue
56.4	713.2	Sandstone Water Bearing
61.0	708.6	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 20-053-02 W5M**

Well Number **07675**

Well Owner: **Webb, Bruce**

Elevation (AMSL) (m): **773**

AEP: **360681**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **48,187.39**

Date Started: **02 Oct 91**

Northing: **5,936,280.00**

Date Completed: **07 Oct 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **53.3** to **54.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 5g05422**

Model: **Gould** Intake (m): **64.0**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **64.0** Drawdown (m): **9.1**  
 Rec'd intake (m): **56.4** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5	767.7	Clay Sandy Brown
8.8	764.3	Gravel
19.8	753.3	Till & Clay Gray
21.3	751.8	Sand Fine Grained Gray
33.5	739.6	Clay Gray
35.7	737.5	Clay Dark Brown
39.6	733.5	Clay Light Gray
40.8	732.3	Shale Light Gray
43.0	730.2	Shale Gray
44.5	728.7	Shale Green
45.1	728.0	Coal
46.3	726.8	Sandstone Gray
46.9	726.2	Coal
47.6	725.6	Shale Gray
50.6	722.6	Shale Green
51.8	721.3	Sandstone Gray
54.9	718.3	Shale Green
57.9	715.2	Sandstone Gray
58.8	714.3	Shale Gray
62.2	711.0	Sandstone Gray
64.0	709.2	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**01-21-053-02 W5M**

Well Number **07676**

Well Owner: **Alta Env #1190e**

Elevation (AMSL) (m): **741**

AEP: **401635**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **51,234.93**

Date Started:

Northing: **5,935,465.50**

Date Completed: **30 May 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	738.4	Clay Soft Brownish Green
4.3	737.2	Silt Soft Brownish Green
9.1	732.3	Silt Gravelly Brownish Green
16.1	725.3	Silt Gravelly Dark Gray
18.0	723.5	Gravel Pea
20.4	721.0	Silt Hard Dark Gray
22.6	718.9	Gravel Pea
24.4	717.1	Silt Sandy Dark Gray
25.6	715.9	Sand Dark Gray
27.4	714.0	Silt Sandy Dark Gray
29.0	712.5	Silt Dark Gray
30.5	711.0	Silt Sandy Dark Gray
31.4	710.1	Silt & Coal Dark Gray
33.2	708.2	Silt Sandy Dark Gray
38.1	703.4	Siltstone Hard Gray
42.7	698.8	Siltstone Hard Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 21-053-02 W5M**

Well Number **07677**

Well Owner: **Oshvalda, J.**

Elevation (AMSL) (m): **745**

AEP: **380525**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **51,196.55**

Date Started: **25 Apr 94**

Northing: **5,935,726.00**

Date Completed: **28 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **121.9** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **73.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **72.8** Bottom (m): **121.9**  
 Perforated How: **Saw**  
 from (m): **73.8** to **121.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **103.6**  
**Testing:**  
 Rate (lpm): Time (minute): **180.0**  
 Level End (m): **103.6** Drawdown (m): **83.8**  
 Rec'd intake (m): **115.8** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	737.0	Clay Brown
33.5	711.1	Clay Blue
35.7	708.9	Sand Gray
46.3	698.3	Shale
49.4	695.2	Sandstone
56.4	688.2	Shale
59.1	685.5	Sandstone
61.0	683.6	Shale
62.2	682.4	Sandstone
63.4	681.2	Shale
65.5	679.1	Sandstone
70.1	674.5	Shale
71.9	672.7	Sandstone
82.3	662.3	Shale
83.8	660.8	Sandstone
85.3	659.3	Shale Fractured
99.1	645.5	Shale
103.0	641.6	Sandstone
106.4	638.2	Shale
108.5	636.1	Sandstone
114.0	630.6	Shale
114.9	629.7	Coal
121.9	622.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-053-02 W5M**

Well Number **07680**

Well Owner: **Wings Const**

Elevation (AMSL) (m): **719**

AEP: **369757**

Drilling Contractor: **Seis-Test**

Licence No.:

Easting: **54,293.12**

Date Started: **27 Jul 78**

Northing: **5,936,452.00**

Date Completed: **30 Jul 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **64.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **43.3** to **59.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **630.0**  
 Level End (m): **48.8** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.4	701.6	Clay & Rocks Blue
17.7	701.3	Gravel
41.2	677.9	Shale Carbonaceous Gray
53.3	665.7	Shale & Sandstone Gray
57.3	661.7	Sandstone Blue
58.5	660.5	Shale Carbonaceous
59.1	659.9	Coal
64.0	655.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-053-02 W5M**

Well Number **07681**

Well Owner: **Wings Const**  
 Drilling Contractor: **Seis-Test**

Elevation (AMSL) (m): **719**      AEP: **369758**  
 Licence No.:      Easting: **54,293.12**  
 Date Started: **01 Jul 78**      Northing: **5,936,452.00**  
 Date Completed: **01 Jul 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **34.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): **44.8**      Bottom (m): **44.8**  
 OD (mm): **139.7**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm):  
 Top (m):      Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **48.8**      to **61.0**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **4.6**      Time (minute): **590.0**  
 Level End (m): **52.4**      Drawdown (m): **17.7**  
 Rec'd intake (m):      Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.9	711.1	Topsoil Clayey Brown
23.8	695.2	Clay & Rocks Blue
48.2	670.8	Shale Gray
48.5	670.5	Coal
60.0	659.0	Sand & Shale Carbonaceous Gray
60.4	658.7	Coal
62.5	656.5	Shale Gray
65.5	653.5	Shale & Sandstone Gray
67.1	652.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 23-053-02 W5M**

Well Number **07682**

Well Owner: **Wings Const**  
 Drilling Contractor: **Seis-Test**

Elevation (AMSL) (m): **719**      AEP: **369759**  
 Licence No.:      Easting: **54,293.12**  
 Date Started: **10 Aug 78**      Northing: **5,936,452.00**  
 Date Completed: **14 Aug 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **13.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **40.8**      Bottom (m): **40.8**  
 OD (mm): **139.7**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm):  
 Top (m):      Bottom (m): **82.3**  
 Perforated How: **Machine**  
 from (m): **44.2**      to **80.5**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **66.1**  
**Testing:**  
 Rate (lpm): **6.8**      Time (minute): **740.0**  
 Level End (m): **66.1**      Drawdown (m): **52.7**  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	710.5	Clay Brown
26.5	692.5	Clay Blue
32.0	687.0	Shale Gray
41.8	677.2	Shale Dark Gray
42.4	676.6	Coal
48.8	670.2	Shale Dark Gray
49.1	669.9	Coal
53.6	665.4	Shale Carbonaceous
55.2	663.8	Sandstone
62.5	656.5	Shale Gray
72.8	646.2	Shale & Sandstone Gray
74.4	644.6	Coal
79.8	639.2	Shale Gray
80.5	638.5	Coal
82.3	636.7	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-053-02 W5M**

Well Number **07683**

Well Owner: **Boisvert, Leo**

Elevation (AMSL) (m): **753**

AEP: **358739**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **55,990.39**

Date Started: **05 Jun 91**

Northing: **5,936,277.00**

Date Completed: **05 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **56.1** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.0** Bottom (m): **53.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Sand Pack**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **53.0** to **54.6** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
20.4	733.0	Clay Sandy Yellow
34.1	719.3	Clay & Coal Sandy Yellow
41.5	712.0	Sand & Coal Fine Grained
54.6	698.9	Sand & Coal Coarse Grained
56.1	697.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 24-053-02 W5M**

Well Number **07684**

Well Owner: **Borloz, Ken**

Elevation (AMSL) (m): **739**

AEP: **358545**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **55,726.49**

Date Started: **04 Jul 91**

Northing: **5,935,934.50**

Date Completed: **05 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **63.1**  
 Perforated How: **Unknown**  
 from (m): **47.2** to **63.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	735.3	Clay Yellow
33.5	705.7	Sand & Coal Coarse Grained
45.7	693.5	Clay Blue
46.6	692.6	Clay Yellow
52.7	686.5	Shale Green
55.8	683.5	Shale Sandy Gray
56.7	682.6	Shale Green
62.5	676.8	Shale Sandy Gray
64.0	675.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-053-02 W5M**

Well Number **07687**

Well Owner: **Christiansen, Helen/Lloyd**

Elevation (AMSL) (m): **792**

AEP: **397116**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **47,179.86**

Date Started: **03 Oct 94**

Northing: **5,937,733.00**

Date Completed: **04 Oct 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **87.8** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **59.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **57.9** Bottom (m): **87.8**  
 Perforated How: **Saw**  
 from (m): **61.0** to **87.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **87.8**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **45.7**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	786.8	Clay Yellow
27.1	764.5	Clay Blue
31.1	760.6	Sand & Gravel
32.6	759.1	Clay Blue
39.0	752.7	Shale Gray
43.0	748.7	Shale Green
47.9	743.8	Sandstone
51.2	740.5	Shale Gray
52.4	739.3	Sandstone
62.8	728.9	Shale Green
63.7	728.0	Sandstone
69.5	722.2	Shale Green
75.0	716.7	Sandstone
82.6	709.1	Shale Green
84.7	706.9	Sandstone
86.9	704.8	Shale Green
87.8	703.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 30-053-02 W5M**

Well Number **07688**

Well Owner: **Lagaden, Randy**

Elevation (AMSL) (m): **792**

AEP: **414399**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **47,179.86**

Date Started: **28 Jun 95**

Northing: **5,937,733.00**

Date Completed: **28 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **46.3** to **46.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **85.3**  
 Perforated How: **Hand Drill**  
 from (m): **73.2** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **85.3**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **85.3** Drawdown (m): **27.4**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	790.2	Clay
1.8	789.8	Rocks
10.4	781.3	Clay
12.5	779.2	Sand & Gravel
21.9	769.7	Sand
27.7	763.9	Sand & Gravel
41.2	750.5	Sand Gray
43.0	748.7	Clay
44.2	747.5	Coal
49.4	742.3	Shale Gray
49.7	742.0	Coal
50.6	741.1	Shale Brown
52.1	739.6	Siltstone
53.3	738.3	Sandstone
55.5	736.2	Shale Gray
58.2	733.5	Sandstone
61.3	730.4	Shale Gray
61.9	729.8	Shale Carbonaceous
65.5	726.1	Shale Gray
66.8	724.9	Sandstone
73.8	717.9	Shale Carbonaceous
80.8	710.9	Sandstone
81.7	710.0	Shale Green
85.3	706.3	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-053-02 W5M**

Well Number **07689**

Well Owner: **Ashbey, J.**

Elevation (AMSL) (m): **791**

AEP: **369695**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **46,990.66**

Date Started: **14 Jun 93**

Northing: **5,937,216.50**

Date Completed: **21 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **43.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **43.3** to **44.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **73.2**  
 Perforated How: **Saw**  
 from (m): **61.0** to **71.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05422** Intake (m): **61.0**

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **17.7**  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.2	785.6	Clay Sandy Brown
13.4	777.4	Clay Gray
15.5	775.3	Clay Green
25.0	765.8	Clay Gray
29.3	761.5	Sand & Gravel
31.7	759.1	Clay Gray
40.2	750.6	Sand & Gravel
41.2	749.6	Clay Gray
42.4	748.4	Shale Gray
43.0	747.8	Sandstone Gray
43.6	747.2	Coal
46.3	744.5	Shale Green
46.9	743.9	Shale Brown
47.9	742.9	Coal
49.1	741.7	Shale Green
51.8	739.0	Sandstone Gray
53.0	737.8	Shale Green
56.7	734.1	Sandstone Gray
59.4	731.4	Shale Gray
61.3	729.5	Shale Green
62.2	728.6	Coal
63.7	727.1	Sandstone Gray
67.4	723.4	Shale Green
71.3	719.5	Sandstone Gray
73.2	717.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-053-02 W5M**

Well Number **07690**

Well Owner: **Bently, Richard**

Elevation (AMSL) (m): **791**

AEP: **351993**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,990.66**

Date Started: **07 Aug 90**

Northing: **5,937,216.50**

Date Completed: **09 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **50.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **81.4**  
 Perforated How: **Machine**  
 from (m): **47.2** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	782.6	Clay Yellow
31.7	759.1	Clay Blue
34.8	756.0	Gravel
37.2	753.6	Clay Blue
39.3	751.5	Shale Gray
40.5	750.3	Shale & Coal Brown
41.2	749.6	Shale Gray
43.0	747.8	Shale & Coal Brown
45.7	745.1	Shale Green
47.2	743.6	Shale & Coal Brown
51.8	739.0	Shale Green
70.1	720.7	Shale Sandy Gray
82.3	708.5	Shale Sandy Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 30-053-02 W5M**

Well Number **07691**

Well Owner: **Roberts, John**

Elevation (AMSL) (m): **791**

AEP: **368862**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **46,990.66**

Date Started: **19 Feb 93**

Northing: **5,937,216.50**

Date Completed: **25 Feb 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.9** Bottom (m): **46.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **45.4** to **46.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **51.8** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g0542z** Intake (m): **42.7**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **28.7**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	785.3			Clay & Boulders Brown
20.7	770.1			Clay & Gravel Sandy Gray
23.8	767.0			Clay & Gravel Gray
30.5	760.3			Till
35.0	755.7			Gravel
38.1	752.7			Sand & Coal
39.9	750.9			Sand & Gravel
41.5	749.3			Sand & Coal
44.8	746.0			Shale Gray
45.7	745.1			Sandstone
47.9	742.9			Shale Green
49.4	741.4			Sandstone
50.3	740.5			Shale Gray
50.9	739.9			Sandstone
52.7	738.1			Shale Gray
54.0	736.8			Coal
54.6	736.2			Shale Green
56.4	734.4			Siltstone
57.3	733.5			Shale Gray
59.4	731.4			Sandstone
60.0	730.8			Coal
61.3	729.5			Shale Gray
64.3	726.5			Sandstone
67.1	723.7			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-03 W5M**

Well Number **07700**

Well Owner: **Wallace, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **735**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448004**  
 Easting: **46,208.20**  
 Northing: **5,931,529.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **02 Nov 04**

pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1252</b>	SAR	Nickel
TDS	<b>785.0</b>	TKN	Selenium
Sodium	<b>212.98</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>68.94</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>738.83</b>	Arsenic	Total Hardness <b>238.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>120.08</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.27</b>	Chromium	Amm. Nitrogen
Iron	<b>0.38</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>606.0</b>
Silica	<b>12.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-053-03 W5M**

Well Number **07701**

Well Owner: **Wadge, C/Je**

Elevation (AMSL) (m): **736**

AEP: **356565**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **45,019.52**

Date Started: **12 Feb 88**

Northing: **5,931,494.00**

Date Completed: **15 Feb 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **19.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **41.2**  
 Perforated How: **Other**  
 from (m): **27.4** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b><u>Lithologic Description</u></b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
26.8	709.0		Clay
29.0	706.9		Shale
31.1	704.7		Sandstone
34.8	701.1		Shale
37.8	698.0		Sandstone
38.7	697.1		Shale
40.2	695.6		Sandstone
41.2	694.7		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 02-053-03 W5M**

Well Number **07702**

Well Owner: **Ettinger, Randy**

Elevation (AMSL) (m): **734**

AEP: **362769**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **44,049.37**

Date Started: **06 Sep 91**

Northing: **5,931,293.50**

Date Completed: **06 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.2**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **20.1** Bottom (m): **36.9**  
 Perforated How: **Saw**  
 from (m): **20.1** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	726.6			Clay Yellow
20.7	712.9			Clay Blue
23.2	710.5			Shale Sandy Gray
24.4	709.3			Shale Green
27.4	706.2			Shale Sandy Gray
30.5	703.2			Shale Green
32.6	701.0			Shale Sandy Gray
33.5	700.1			Shale Green
36.0	697.7			Shale Sandy Gray
37.8	695.9			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-053-03 W5M**

Well Number **07703**

Well Owner: **Trodd, Jeff/Terese**

Elevation (AMSL) (m): **735**

AEP: **356248**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **43,483.78**

Date Started:

Northing: **5,931,798.50**

Date Completed: **01 Oct 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **40.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **21.6**                      Bottom (m): **21.6**  
 OD (mm): **114.3**                      Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m):                      to **21.6**

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm): **31.9**                      Time (minute): **180.0**  
 Level End (m): **15.2**                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	732.3	Clay Sandy
4.3	731.0	Gravel
14.6	720.7	Clay
15.9	719.5	Coal
18.3	717.0	Shale
19.2	716.1	Coal
31.7	703.6	Shale
40.2	695.1	Sandstone See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 03-053-03 W5M**

Well Number **07704**

Well Owner: **Lutz, Roy**

Elevation (AMSL) (m): **731**

AEP: **369879**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **43,080.73**

Date Started: **10 Jun 93**

Northing: **5,930,598.00**

Date Completed: **10 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.8** (m)  
 NPWL (m): **6.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **21.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.7** Bottom (m): **40.8**  
 Perforated How: **Saw**  
 from (m): **30.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **21.3**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **10.4**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	725.8			Clay Yellow
14.3	716.7			Clay Blue
18.0	713.0			Shale Gray
25.3	705.7			Shale Green
30.8	700.2			Shale Gray
32.3	698.7			Sandstone
36.0	695.0			Shale Gray
38.7	692.3			Sandstone
40.8	690.2			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-053-03 W5M**

Well Number **07705**

Well Owner: **Rain, Richard (Ir)**

Elevation (AMSL) (m): **734**

AEP: **379693**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **37,385.89**

Date Started: **21 Oct 93**

Northing: **5,930,786.00**

Date Completed: **21 Oct 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **56.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **61.0**  
 Perforated How: **Hand Drill**  
 from (m): **54.9** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **342.1** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **39.6**  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
16.5	717.4			Clay Brown
19.8	714.1			Clay Silty Gray
45.7	688.2			Sand
48.5	685.4			Clay
54.6	679.3			Sand & Coal
56.4	677.5			Shale Soft Gray
61.0	672.9			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 07-053-03 W5M**

Well Number **07706**

Well Owner: **Alta Rec & Parks #Well 8 Old 3**

Elevation (AMSL) (m): **751**

AEP: **410952**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **37,285.65**

Date Started: **01 Jan 66**

Northing: **5,932,844.50**

Date Completed: **01 Jan 66**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **20.1** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **3.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm):  
 from (m): **14.3** to **17.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	748.3	Clay Gray
7.3	743.4	Shale Brown
9.1	741.6	Shale Gray
10.7	740.0	Shale Green
12.2	738.5	Shale Fractured Gray
13.7	737.0	Shale Fractured
15.2	735.5	Shale Fractured Gray
17.4	733.3	Sandstone
18.3	732.4	Coal
19.2	731.5	Shale & Coal
20.1	730.6	Shale

Laboratory:		<b>14 Jul 82</b>	
pH (pH unit)	<b>8.42</b>	COD	Mercury
Cond. (µS/cm)	<b>1350</b>	SAR	Nickel
TDS	<b>1118</b>	TKN	Selenium
Sodium	<b>368.69</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	<b>0.07</b> Molybdenum
Calcium	<b>12.83</b>	TN	Vanadium
Magnesium	<b>1.46</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>38.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>182.99</b>	Beryllium	Phosphate
Chloride	<b>2.84</b>	Cadium	Ion Balance
Fluoride	<b>0.50</b>	Chromium	Amm. Nitrogen
Iron	<b>3.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>725.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-03 W5M**

Well Number **07707**

Well Owner: **Alta Rec & Parks #Well 9 Old 1**

Elevation (AMSL) (m): **751**

AEP: **411034**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **37,285.65**

Date Started: **01 Jan 66**

Northing: **5,932,844.50**

Date Completed: **01 Jan 66**

<b>General:</b>		
Type of Work:	<b>New Well</b>	
Drilling Method:	<b>Rotary</b>	
Well Use:	<b>Observation</b>	
Completed Depth:	<b>61.0</b>	(m)
NPWL (m):	<b>10.4</b>	Verified NPWL (m):
Abandonment:		
<b>Casing:</b>		
Type:	<b>Unknown</b>	
Depth (m):	<b>9.4</b>	Bottom (m): <b>9.4</b>
OD (mm):	<b>168.2</b>	Thickness (mm):
Seal Type:	<b>Cement/Grout</b>	
from (m):		to <b>6.1</b>
<b>Liner:</b>		
Type:		
OD (mm):	<b>115.8</b>	Thickness (mm):
Top (m):		Bottom (m): <b>45.4</b>
Perforated How:		
from (m):	<b>6.1</b>	to <b>7.0</b> Size:
from (m):	<b>13.4</b>	to <b>15.5</b> Size:
from (m):	<b>45.1</b>	to Size:
<b>Screen:</b>		
Material:		
OD (mm):		Size:
from (m):		to Size:
from (m):		to Size:
<b>Open Hole:</b>		
from (m):		to
<b>Pump:</b>		
Model:		Intake (m):
<b>Testing:</b>		
Rate (lpm):	<b>191.6</b>	Time (minute): <b>1440.0</b>
Level End (m):		Drawdown (m):
Rec'd intake (m):		Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	748.3	Clay Brown
6.1	744.6	Clay Gray
6.4	744.3	Shale Brown
7.0	743.7	Coal
9.8	741.0	Shale Brown
11.6	739.1	Shale Gray
12.2	738.5	Shale Sandy Gray
12.5	738.2	Sandstone
13.4	737.3	Shale Brown
15.5	735.2	Coal
17.4	733.3	Shale
23.2	727.5	Shale Hard Gray
23.8	726.9	Shale Brown
25.9	724.8	Shale Gray
26.8	723.9	Shale Hard Gray
29.0	721.8	Shale Brown
32.0	718.7	Shale Sandy
32.9	717.8	Coal
34.1	716.6	Shale Sandy
35.0	715.7	Shale
36.3	714.4	Shale & Sandstone
36.6	714.1	Sandstone Hard
41.2	709.6	Shale Gray
41.8	708.9	Shale & Coal Brown
42.7	708.0	Shale Gray
44.2	706.5	Shale Blue
47.2	703.5	Sandstone
48.8	701.9	Shale
50.3	700.4	Shale Sandy
51.8	698.9	Sandstone
52.7	698.0	Sandstone Hard
54.3	696.5	Limestone Hard See Comments
55.2	695.5	Unreadable
56.4	694.3	Shale
57.6	693.1	Sandstone Hard
61.0		Shale Green

Laboratory:	<b>14 Jul 82</b>		
pH (pH unit)	<b>8.51</b>	COD	Mercury
Cond. (µS/cm)	<b>1380</b>	SAR	Nickel
TDS	<b>908.0</b>	TKN	Selenium
Sodium	<b>359.95</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	<b>0.05</b> Molybdenum
Calcium	<b>9.22</b>	TN	Vanadium
Magnesium	<b>1.22</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>28.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>101.82</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance
Fluoride	<b>0.82</b>	Chromium	Amm. Nitrogen
Iron	<b>0.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>690.0</b>
Silica		Lead	Nitrate&Nitrite N
<i>Chemical Constituents are in mg/l (ppm). Except as noted.</i>			

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Strativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-03 W5M**

Well Number **07708**

Well Owner: **Boldt, Ted**

Elevation (AMSL) (m): **727**

AEP: **415524**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **37,194.74**

Date Started: **28 Aug 95**

Northing: **5,932,129.50**

Date Completed: **29 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **34.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **32.6** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **34.4** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Ay Mcdonald** Intake (m): **25.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **18.0**  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	721.9	Clay Yellow
19.8	707.0	Clay Blue
21.9	704.8	Shale Light Gray
24.4	702.4	Shale Sandy Gray
25.3	701.5	Shale Gray
26.2	700.6	Coal
26.8	699.9	Sandstone
28.4	698.4	Shale Gray
28.7	698.1	Coal
32.6	694.2	Shale Brittle Gray
36.0	690.8	Shale Hard Greenish Gray
38.1	688.7	Shale & Coal Brown
40.5	686.2	Shale Gray
41.5	685.3	Shale & Coal Brown
43.0	683.8	Shale Gray
46.0	680.7	Shale Sandy Gray
52.4	674.3	Shale Gray
54.3	672.5	Shale Sandy Gray
55.2	671.6	Shale Green
55.8	671.0	Sandstone
59.4	667.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-08-053-03 W5M

Well Number 07709

Well Owner: **Alta Env #1195e**

Elevation (AMSL) (m): **763**

AEP: **401639**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **40,049.82**

Date Started:

Northing: **5,932,849.50**

Date Completed: **05 Jun 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth: **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	762.0	Loam
1.5	761.1	Sand
3.1	759.6	Clay & Sand Stoney Brownish Gr
6.1	756.6	Clay & Silt Lacustrine Brownis
10.7	752.0	Clay Silty Brownish Gray
12.2	750.5	Shale Carbonaceous Dark Gray
13.4	749.2	Sandstone Very Fine Grained Gr
19.8	742.8	Siltstone & Sandstone Very Fin

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 09-053-03 W5M**

Well Number **07710**

Well Owner: **Jones, Ray A.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **765**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368633**  
 Easting: **41,503.09**  
 Northing: **5,933,125.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **33.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 09-053-03 W5M**

Well Number **07711**

Well Owner: **Lindroth, Carole**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361716**  
 Easting: **40,384.68**  
 Northing: **5,933,348.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-053-03 W5M**

Well Number **07712**

Well Owner: **Turlock, Dan**

Elevation (AMSL) (m): **741**

AEP: **369290**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,495.44**

Date Started: **30 Apr 93**

Northing: **5,932,265.00**

Date Completed: **03 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **48.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.5** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **44.5** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	733.3			Clay & Rocks Yellow
19.8	721.1			Clay & Rocks Blue
39.6	701.3			Sand
40.2	700.7			Clay Blue
44.5	696.4			Shale Gray
48.2	692.8			Shale Sandy Gray
50.6	690.3			Shale Green
51.8	689.1			Sandstone
53.3	687.6			Shale Green
55.5	685.5			Shale Sandy Gray
59.4	681.5			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 13-053-03 W5M**

Well Number **07713**

Well Owner: **Webster, W.J**

Elevation (AMSL) (m): **748**

AEP: **354051**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **46,447.00**

Date Started: **27 Sep 83**

Northing: **5,934,126.50**

Date Completed: **27 Sep 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **42.7** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **35.0** Bottom (m): **35.0**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **34.8**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): **34.8** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **39.0** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **11.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	742.8	Clay Brown
16.1	731.5	Clay Blue
18.0	729.7	Gravel
18.9	728.8	Sandstone Brown
29.0	718.7	Shale Gray
33.5	714.2	Sandstone Blue
36.0	711.7	Shale Gray
36.9	710.8	Sandstone Blue
39.0	708.7	Shale Gray
42.4	705.3	Sandstone Blue
42.7	705.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

13-15-053-03 W5M

Well Number 07714

Well Owner: **Alta Env #1194e**

Elevation (AMSL) (m): **775**

AEP: **401641**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **41,820.81**

Date Started:

Northing: **5,935,060.50**

Date Completed: **05 Jun 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	772.0	Clay & Silt Gravelly Brownish
4.9	770.2	Sand & Gravel Clayey Brownish
6.1	769.0	Sand & Gravel Fine Grained
9.1	765.9	Gravel Carbonaceous
10.7	764.4	Coal Gravelly
13.7	761.4	Siltstone & Sandstone Soft Gra
15.2	759.8	Sandstone & Shale Ledges Calca
24.4	750.7	Sandstone Medium Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 15-053-03 W5M**

Well Number **07715**

Well Owner: **Milne, Kevin**

Elevation (AMSL) (m): **775**

AEP: **368845**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **41,819.93**

Date Started: **17 Nov 92**

Northing: **5,935,050.50**

Date Completed: **18 Nov 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **41.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.8** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **35.0** Drawdown (m): **1.2**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.7	768.5	Clay Brown
9.8	765.4	Gravel
11.0	764.2	Sandstone Gray
13.1	762.1	Shale Mixed
29.0	746.2	Sandstone Gray
29.3	745.9	Shale Brown
30.8	744.4	Shale
31.4	743.8	Coal
32.3	742.9	Shale Brown
32.9	742.3	Coal
33.2	742.0	Shale Brown
33.5	741.7	Coal
35.0	740.1	Shale Gray
39.6	735.6	Shale Mixed
40.8	734.3	Coal
43.0	732.2	Shale Brownish Gray
47.6	727.6	Sandstone Gray
52.1	723.1	Shale Gray
53.3	721.8	Sandstone Gray
54.9	720.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-16-053-03 W5M

Well Number 07716

Well Owner: **Pockett, Sam**

Elevation (AMSL) (m): **782**

AEP: **369760**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **40,227.27**

Date Started: **22 Jul 77**

Northing: **5,934,918.00**

Date Completed: **23 Jul 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **0.3**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.2**  
 Top (m): Bottom (m): **51.8**  
 Perforated How: **Torch**  
 from (m): **42.1** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **40.2**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **40.2** Drawdown (m): **29.6**  
 Rec'd intake (m): **40.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	776.4	Clay Brown
9.8	772.1	Sand
12.2	769.7	Gravel
18.3	763.6	Shale Dark
41.2	740.7	Shale Light Gray
48.8	733.1	Shale Dark Gray
49.7	732.2	Shale Light Gray
51.2	730.6	Coal
51.8	730.0	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 16-053-03 W5M**

Well Number **07717**

Well Owner: **Mitchell, Albert**

Elevation (AMSL) (m): **774**

AEP: **351708**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **41,506.92**

Date Started: **08 Jun 90**

Northing: **5,934,562.00**

Date Completed: **08 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **39.0** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Goulds**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.3	767.0	Clay Brown
11.3	763.0	Sand & Gravel
18.9	755.4	Shale Light Gray
20.7	753.6	Shale Sandy Light Gray
29.6	744.7	Sandstone Sandy Gray
32.9	741.4	Shale Green
34.1	740.2	Shale & Coal
36.9	737.4	Shale Light Green
38.7	735.6	Shale Sandy Gray
40.8	733.5	Shale Gray
43.6	730.7	Sand Gray
44.2	730.1	Coal
49.1	725.2	Sandstone Sandy Gray
51.2	723.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**NW 16-053-03 W5M**

Well Number **07718**

Well Owner: **Luszmak, Wendy**

Elevation (AMSL) (m): **777**

AEP: **365178**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **40,483.75**

Date Started: **02 Jun 92**

Northing: **5,934,724.00**

Date Completed: **05 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.6** Bottom (m): **21.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **19.8** to **21.6**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **27.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **30.5** Drawdown (m): **27.4**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	768.0			Clay
13.7	763.4			Gravel
27.4	749.7			Shale Blue
32.0	745.1			Sandstone
35.0	742.0			Shale
36.6	740.5			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-053-03 W5M**

Well Number **07719**

Well Owner: **Paholkin, M**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **780**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356916**  
 Easting: **40,245.30**  
 Northing: **5,934,632.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **25.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-053-03 W5M**

Well Number **07720**

Well Owner: **Tribiger, Martin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **777**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356915**  
 Easting: **40,483.75**  
 Northing: **5,934,724.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-053-03 W5M**

Well Number **07721**

Well Owner: **Greanya, Eugene**

Elevation (AMSL) (m): **780**

AEP: **406436**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **39,730.31**

Date Started: **03 Apr 95**

Northing: **5,934,502.50**

Date Completed: **06 Apr 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **36.6** to **38.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **48.8**  
 Perforated How: **Saw**  
 from (m): **38.1** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **24.4**

**Testing:**

Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **6.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	775.2			Sand Brown
7.3	772.8			Clay Gray
16.8	763.3			Sand & Gravel Coarse Grained
22.9	757.2			Shale Gray
32.0	748.1			Clay & Sandstone
35.0	745.1			Shale Brown
36.9	743.2			Clay & Sandstone
37.5	742.6			Shale Gray
38.4	741.7			Shale Green
39.0	741.1			Shale Gray
46.6	733.5			Sandstone
48.8	731.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 17-053-03 W5M**

Well Number **07722**

Well Owner: **Monaghan, Mary E**

Elevation (AMSL) (m): **781**

AEP: **356918**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **39,637.50**

Date Started:

Northing: **5,934,707.50**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **57.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 17-053-03 W5M**

Well Number **07723**

Well Owner: **St Martin, P**

Elevation (AMSL) (m): **777**

AEP: **351275**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **39,474.72**

Date Started: **21 Mar 90**

Northing: **5,934,366.50**

Date Completed: **23 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **15.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **30.5** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **21.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	773.6			Sand Coarse Grained
12.2	765.1			Clay Brown
14.9	762.3			Gravel Coarse Grained
18.9	758.3			Shale Gray
20.7	756.5			Sandstone
29.0	748.3			Shale Green
33.5	743.7			Shale Gray
47.2	730.0			Sandstone
48.8	728.5			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 17-053-03 W5M**

Well Number **07724**

Well Owner: **Wray, Stuart**

Elevation (AMSL) (m): **781**

AEP: **387047**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **39,994.47**

Date Started: **03 Aug 94**

Northing: **5,934,863.50**

Date Completed: **04 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **38.1** to **41.5** Size:  
 from (m): **42.7** to **45.1** Size:  
 from (m): **47.6** to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **39.9**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **35.4** Drawdown (m): **19.8**  
 Rec'd intake (m): **39.9** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	771.9		Clay
11.0	770.0		Sand
14.6	766.4		Gravel
26.8	754.2		Shale Gray
35.4	745.6		Sandstone Gray
36.0	745.0		Shale Green
38.7	742.3		Shale Greenish Gray
39.0	742.0		Sandstone
43.3	737.7		Shale
45.1	735.9		Sandstone
50.0	731.0		Shale
51.8	729.2		Sandstone Gray
52.7	728.3		Shale & Coal Brown
53.3	727.7		Sandstone Gray
54.6	726.4		Shale Brown
54.9	726.1		Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-03 W5M**

Well Number **07725**

Well Owner: **Greaves, Stanley/Kohut, Joyce**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356917**  
 Easting: **38,678.15**  
 Northing: **5,934,499.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 17-053-03 W5M**

Well Number **07726**

Well Owner: **Kosiuk, Nick**

Elevation (AMSL) (m): **770**

AEP: **399325**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **39,387.81**

Date Started: **20 Jul 94**

Northing: **5,933,663.00**

Date Completed: **20 Jul 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Other**  
 from (m): **12.2** to **23.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **33.5**  
 Perforated How: **Hand Drill**  
 from (m): **23.8** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **17.4**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **54.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	764.5			Till Brownish Yellow
10.1	759.6			Sand & Rocks Coarse Grained Br
10.7	759.0			Clay Brownish Yellow
11.6	758.1			Clay Blue
16.5	753.2			Shale Greenish Gray
18.0	751.7			Sandstone Medium Grained
18.9	750.8			Shale Gray
19.8	749.9			Sand & Rocks
20.1	749.6			Clay Brown
22.6	747.1			Shale Light Gray
24.7	745.0			Sandstone Fine Grained
33.5	736.2			Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 19-053-03 W5M**

Well Number **07727**

Well Owner: **Bruner, Grant**

Elevation (AMSL) (m): **779**

AEP: **406439**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **38,018.18**

Date Started: **24 Apr 95**

Northing: **5,936,326.00**

Date Completed: **25 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **48.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.0** Bottom (m): **54.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **54.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **52.4** Bottom (m): **76.2**  
 Perforated How: **Saw**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **76.2**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **65.5** Drawdown (m): **17.1**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	776.0	Clay Sandy Yellow
6.4	772.9	Sand & Gravel
10.4	769.0	Sand
23.8	755.5	Clay Blue
29.3	750.1	Sand
37.8	741.5	Clay Blue
39.9	739.4	Sandstone Yellow
42.4	736.9	Shale Green
43.9	735.4	Sandstone
49.1	730.2	Shale Green
50.0	729.3	Sandstone
63.4	715.9	Shale Green
66.1	713.2	Sandstone
68.9	710.4	Shale Green
76.2	703.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07728**

Well Owner: **Comstock**

Elevation (AMSL) (m): **777**

AEP: **394176**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **42,786.76**

Date Started: **23 Oct 78**

Northing: **5,935,352.50**

Date Completed: **26 Oct 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.9**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **25.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	770.6	Clay & Rocks
7.0	769.7	Gravel
13.7	762.9	Clay Sandy
15.2	761.4	Sand Water Bearing
17.1	759.6	Clay Sandy
19.8	756.9	Sandstone Hard
21.9	754.7	Sandstone White
30.5	746.2	Sandstone Water Bearing Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07729**

Well Owner: **Dolhagaray, Ken**

Elevation (AMSL) (m): **777**

AEP: **352506**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **42,786.76**

Date Started: **02 Oct 90**

Northing: **5,935,360.50**

Date Completed: **04 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **39.6** Bottom (m): **39.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **39.6**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **35.7** Bottom (m): **54.0**  
 Perforated How: **Machine**  
 from (m): **35.7** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **33.5** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	769.9	Clay Yellow
13.7	762.9	Clay Blue
16.8	759.8	Sand & Shale Green
20.1	756.5	Gravel
21.3	755.3	Shale Light Gray
36.0	740.6	Shale Sandy Gray
41.8	734.8	Shale Gray
46.0	730.6	Shale Sandy Gray
46.9	729.6	Shale Green
48.8	727.8	Shale Sandy Gray
54.9	721.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07730**

Well Owner: **Leblanc, Lorie**

Elevation (AMSL) (m): **779**

AEP: **399739**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **43,063.12**

Date Started: **30 Jan 94**

Northing: **5,935,230.00**

Date Completed: **31 Jan 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **34.4**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **32.9** Bottom (m): **54.0**  
 Perforated How: **Saw**  
 from (m): **34.4** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7605412** Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **6.7**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.5	770.1	Clay Yellow
9.4	769.2	Stones
14.3	764.3	Clay Blue
20.1	758.5	Gravel
31.4	747.3	Shale Sandy Gray
32.3	746.3	Shale & Coal Brown
33.5	745.1	Shale Brittle Gray
39.6	739.0	Shale Gray
41.2	737.5	Shale Sandy Gray
43.6	735.1	Shale Gray
44.8	733.8	Shale & Coal Brown
50.6	728.1	Shale Gray
51.8	726.8	Coal
53.3	725.3	Shale Gray
54.0	724.7	Coal
54.9	723.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07731**

Well Owner: **Smith, George**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed: **16 Aug 95**  
 AEP: **418075**  
 Easting: **42,952.22**  
 Northing: **5,935,331.62**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **13.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Oct 78**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>665.0</b>	SAR	Nickel
TDS	<b>419.0</b>	TKN	<b>0.01</b>
Sodium	<b>11.04</b>	Nitrate	Strontium
Potassium	<b>5.08</b>	Nitrite	Molybdenum
Calcium	<b>127.05</b>	TN	Vanadium
Magnesium	<b>21.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>447.81</b>	Arsenic	Total Hardness <b>405.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>28.82</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.06</b>
Fluoride	<b>0.21</b>	Chromium	Amm. Nitrogen
Iron	<b>18.75</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>374.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 22-053-03 W5M**

Well Number **07732**

Well Owner: **Smith, George**

Elevation (AMSL) (m): **775**

AEP: **418073**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **42,944.80**

Date Started: **27 Aug 85**

Northing: **5,935,529.00**

Date Completed: **28 Aug 85**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.0** Bottom (m): **29.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **29.0**  
**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **36.6**  
 Perforated How: **Other**  
 from (m): **28.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	767.3	Clay
16.8	758.2	Clay Sandy
25.9	749.1	Sand
30.5	744.5	Shale
34.1	740.8	Sandstone
36.6	738.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07733**

Well Owner: **Smith, George**

Elevation (AMSL) (m): **775**

AEP: **418067**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **42,758.62**

Date Started: **10 Aug 95**

Northing: **5,935,452.50**

Date Completed: **16 Aug 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **24.4** to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **39.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **29.7** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **12.8**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	770.0	Till Sandy Gray
6.7	768.5	Sand Clayey Brown
11.6	763.6	Sand & Gravel Fine Grained Bro
16.8	758.4	Gravel Coarse Grained
20.4	754.8	Shale Gray
30.5	744.7	Sandstone
32.3	742.9	Shale & Coal Brown
35.0	740.1	Sandstone
36.9	738.3	Shale Gray
37.8	737.4	Shale & Coal Brown
41.2	734.0	Sandstone
42.1	733.1	Shale Gray
44.2	731.0	Shale & Coal Brown
46.6	728.6	Shale Gray
50.0	725.2	Sandstone
52.1	723.1	Coal
54.9	720.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 22-053-03 W5M**

Well Number **07734**

Well Owner: **Smith, George**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed: **16 Aug 95**  
 AEP: **418074**  
 Easting: **42,952.22**  
 Northing: **5,935,331.62**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 16 Aug 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 22-053-03 W5M**

Well Number **07735**

Well Owner: **Westland Park Community League**  
 Drilling Contractor: **D&D Water Well Drilling & Services**

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started: **01 Dec 92**  
 Date Completed: **05 Dec 92**  
 AEP: **368885**  
 Easting: **42,949.25**  
 Northing: **5,935,512.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **40.5** Bottom (m): **40.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **70.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.3** Bottom (m): **70.1**  
 Perforated How: **Saw**  
 from (m): **54.9** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **70.1**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **32.9**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	770.3	Clay Yellow
9.4	765.7	Clay Blue
14.3	760.8	Sand & Gravel
20.7	754.4	Sandstone
22.3	752.9	Coal
26.2	748.9	Shale Green
36.0	739.2	Sandstone Gray
37.8	737.4	Shale Gray
38.4	736.7	Coal
51.2	723.9	Shale Gray
52.4	722.7	Sandstone
56.7	718.5	Shale Gray
59.1	716.0	Coal
61.6	713.6	Shale Gray
63.1	712.1	Sandstone
66.1	709.0	Shale Green
68.3	706.9	Sandstone
70.1	705.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07736**

Well Owner: **Wiskow, Peter**

Elevation (AMSL) (m): **775**

AEP: **412705**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **42,606.36**

Date Started: **10 Nov 95**

Northing: **5,935,377.00**

Date Completed: **13 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **16.8** to **18.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **10.7** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	768.2	Clay Yellow
9.8	765.2	Clay Blue
12.8	762.2	Sand
18.0	757.0	Gravel
27.1	747.8	Shale Coarse Grained Gray
27.4	747.5	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-03 W5M**

Well Number **07737**

Well Owner: **Yates, Darrell**

Elevation (AMSL) (m): **779**

AEP: **365508**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **43,253.76**

Date Started: **09 Jun 92**

Northing: **5,935,237.50**

Date Completed: **10 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **37.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.9** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **39.6** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **47.6** Drawdown (m): **28.7**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **13.7**

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
5.8	773.0	Clay & Rocks Brown
16.1	762.7	Clay Gray
17.4	761.5	Sand & Rocks
17.7	761.1	Shale Green
21.6	757.2	Gravel
28.4	750.5	Sandstone Gray
31.1	747.7	Shale
33.2	745.6	Sandstone Gray
33.8	745.0	Coal
38.7	740.1	Shale Green
41.5	737.4	Shale Mixed
43.3	735.5	Sandstone Gray
45.1	733.7	Shale Sandy Gray
46.6	732.2	Sandstone Gray
47.2	731.6	Shale
47.9	731.0	Coal
52.4	726.4	Shale Brownish Gray
52.7	726.1	Coal
55.5	723.4	Shale
55.8	723.0	Coal
59.1	719.7	Shale
59.4	719.4	Coal
61.0	717.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 23-053-03 W5M**

Well Number **07738**

Well Owner: **Lengner, Hanz**

Elevation (AMSL) (m): **773**

AEP: **380526**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **43,689.67**

Date Started: **20 Oct 93**

Northing: **5,936,309.50**

Date Completed: **21 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **67.1** (m)  
 NPWL (m): **19.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.1** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **43.3** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **41.2** Drawdown (m): **21.9**  
 Rec'd intake (m): **41.5** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	765.4	Clay
11.3	761.7	Gravel
16.8	756.2	Sandstone
17.4	755.6	Shale
18.3	754.7	Coal
44.5	728.5	Shale
45.7	727.3	Sandstone
46.3	726.7	Coal
53.0	720.0	Sandstone
57.9	715.1	Sandstone
65.5	707.5	Shale
67.1	706.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-053-03 W5M**

Well Number **07739**

Well Owner: **Stubbe, Paul**

Elevation (AMSL) (m): **784**

AEP: **365603**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **44,859.60**

Date Started: **23 May 92**

Northing: **5,935,242.00**

Date Completed: **30 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **43.0** Bottom (m): **43.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **67.1**  
 Perforated How: **Torch**  
 from (m): **45.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **61.3**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **54.9**  
 Rec'd intake (m): **61.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	773.3			Sand & Gravel Clayey
24.4	759.6			Sand & Gravel
35.0	749.0			Clay & Gravel
45.7	738.3			Shale
54.9	729.1			Sandstone
67.1	717.0			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-053-03 W5M**

Well Number **07740**

Well Owner: **Benesch, Susan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **783**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356919**  
 Easting: **43,802.77**  
 Northing: **5,935,252.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 23-053-03 W5M**

Well Number **07741**

Well Owner: **Hart, Paul**

Elevation (AMSL) (m): **783**

AEP: **364614**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **43,802.77**

Date Started:

Northing: **5,935,252.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 23-053-03 W5M**

Well Number **07742**

Well Owner: **Mclauchlin, Corey**

Elevation (AMSL) (m): **783**

AEP: **352252**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **43,802.77**

Date Started: **20 Aug 90**

Northing: **5,935,252.00**

Date Completed: **23 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **38.7**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **62.5**  
 Perforated How: **Machine**  
 from (m): **39.0** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.9	767.6	Clay
27.4	756.0	Sand & Gravel
43.0	740.5	Shale
47.6	735.9	Sandstone
47.9	735.6	Coal
59.4	724.0	Sandstone
60.4	723.1	Shale
61.0	722.5	Coal
62.5	721.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-053-03 W5M**

Well Number **07743**

Well Owner: **Moore, Charlie**

Elevation (AMSL) (m): **783**

AEP: **372468**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **43,802.77**

Date Started: **06 Aug 93**

Northing: **5,935,252.00**

Date Completed: **09 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **14.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **28.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **27.1** Bottom (m): **49.4**  
 Perforated How: **Saw**  
 from (m): **27.1** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **22.9** Drawdown (m): **8.2**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	777.3	Clay Yellow
12.2	771.2	Clay Blue
14.6	768.8	Sand
19.8	763.6	Clay & Gravel Mixed
20.7	762.7	Clay Blue
21.3	762.1	Shale Sandy Gray
21.9	761.5	Shale Green
22.9	760.6	Shale Sandy Gray
24.1	759.4	Shale & Coal Brown
25.3	758.1	Shale Gray
27.1	756.3	Shale Sandy Gray
31.1	752.3	Shale Green
35.7	747.8	Shale Sandy Gray
37.2	746.3	Shale Gray
38.7	744.7	Shale & Coal Brown
41.5	742.0	Shale Gray
42.7	740.8	Shale & Coal Brown
46.3	737.1	Shale Gray
47.2	736.2	Shale & Coal Brown
48.2	735.3	Shale Gray
49.7	733.8	Shale & Coal Brown
50.3	733.1	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 23-053-03 W5M**

Well Number **07744**

Well Owner: **Weibe, Dwayne**

Elevation (AMSL) (m): **783**

AEP: **351824**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **43,802.77**

Date Started: **06 Aug 90**

Northing: **5,935,252.00**

Date Completed: **07 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **43.3** to  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **62.5**  
 Perforated How: **Machine**  
 from (m): **42.7** to **61.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **38.1**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **61.6** Drawdown (m): **43.9**  
 Rec'd intake (m): **37.8** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.1	766.4	Clay
25.9	757.5	Sand & Gravel
44.2	739.2	Shale
46.3	737.1	Sandstone
46.9	736.5	Coal
58.5	724.9	Sandstone
59.7	723.7	Shale
60.7	722.8	Sandstone
61.3	722.2	Coal
62.5	721.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-053-03 W5M**

Well Number **07745**

Well Owner: **Henkel, Dean**

Elevation (AMSL) (m): **782**

AEP: **373952**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **46,487.09**

Date Started: **22 Sep 93**

Northing: **5,936,300.00**

Date Completed: **23 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **57.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **51.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **50.0** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **82.0**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **61.0** Drawdown (m): **4.0**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	776.8	Clay Yellow
24.7	757.3	Clay Blue
29.0	753.0	Sand & Gravel
36.9	745.1	Clay Blue
39.0	743.0	Sandstone
40.2	741.7	Coal
43.0	739.0	Shale Gray
47.9	734.1	Sandstone
49.1	732.9	Shale & Coal Brown
55.8	726.2	Shale Gray
56.7	725.3	Sandstone
61.9	720.1	Shale Gray
64.3	717.7	Shale Green
67.4	714.6	Shale Gray
68.9	713.1	Sandstone
70.7	711.3	Shale Gray
77.4	704.5	Sandstone
82.0	700.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-053-03 W5M**

Well Number **07746**

Well Owner: **Jensen, Jerry**

Elevation (AMSL) (m): **781**

AEP: **372470**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,143.01**

Date Started: **22 Jul 93**

Northing: **5,935,834.00**

Date Completed: **23 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **35.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **33.8** Bottom (m): **46.0**  
 Perforated How: **Saw**  
 from (m): **33.8** to **46.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **1.5**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	775.4	Clay & Rocks Yellow
27.1	754.3	Clay & Rocks Blue
30.5	751.0	Clay & Gravel Yellow
33.8	747.6	Clay Yellow
34.4	747.0	Shale Brittle Gray
34.8	746.7	Shale Sandy Gray
38.1	743.4	Shale Gray
39.6	741.8	Shale Sandy Green
40.8	740.6	Shale & Coal Brown
42.7	738.8	Shale Sandy Gray
44.2	737.3	Shale & Coal Brown
46.9	734.5	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 24-053-03 W5M**

Well Number **07747**

Well Owner: **Knauff, Irvine A**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **783**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367904**  
 Easting: **46,197.76**  
 Northing: **5,936,160.19**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Puddled Clay**                      **27 Oct 95**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 24-053-03 W5M**

Well Number **07748**

Well Owner: **Knault, Irvin**

Elevation (AMSL) (m): **782**

AEP: **418226**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **46,494.44**

Date Started: **25 Oct 95**

Northing: **5,936,472.00**

Date Completed: **27 Oct 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **29.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **30.5** to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **39.6** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **39.6**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **9.8**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	771.3	Clay	Brown	
25.3	757.0	Clay	Gray	
26.5	755.8	Sandstone		
29.3	753.1	Gravel	Coarse Grained	
31.7	750.6	Sandstone		
36.9	745.4	Shale	Gray	
37.5	744.8	Shale	Brown	
40.8	741.5	Sandstone		
41.5	740.9	Coal		
43.0	739.3	Sandstone		
46.6	735.7	Shale	Gray	
47.9	734.5	Coal		
50.0	732.3	Shale	Gray	
50.9	731.4	Coal		
54.9	727.5	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 24-053-03 W5M**

Well Number **07749**

Well Owner: **Maclean, John**

Elevation (AMSL) (m): **781**

AEP: **369761**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **46,140.07**

Date Started: **29 Aug 77**

Northing: **5,935,848.50**

Date Completed: **01 Sep 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **29.9** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **635.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **60.0**  
 Level End (m): **25.9** Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.8	772.6			Clay & Boulders Brown
11.6	769.8			Clay & Sand Brown
12.8	768.6			Clay & Gravel Brown
23.8	757.6			Clay & Boulders Blue
28.0	753.4			Gravel
29.9	751.5			Clay & Gravel Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 24-053-03 W5M**

Well Number **07750**

Well Owner: **Thomas, W.L.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **786**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **369650**  
 Easting: **45,851.87**  
 Northing: **5,936,391.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 24-053-03 W5M**

Well Number **07751**

Well Owner: **Litousky, William G**

Elevation (AMSL) (m): **781**

AEP: **353911**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **45,490.38**

Date Started: **17 Apr 80**

Northing: **5,936,625.50**

Date Completed: **18 Apr 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **3.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **53.3** Drawdown (m): **50.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
22.3	758.8	Clay
29.9	751.2	Sand & Gravel
34.8	746.3	Shale
36.3	744.8	Coal
40.2	740.8	Sandstone
41.8	739.3	Shale
42.7	738.4	Coal
44.5	736.6	Sandstone
46.9	734.1	Shale
48.2	732.9	Coal
56.1	725.0	Shale
72.2	708.8	Sandstone
73.2	707.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-053-03 W5M**

Well Number **07752**

Well Owner: **Robinson, Kelly**

Elevation (AMSL) (m): **783**

AEP: **382571**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **45,293.35**

Date Started: **04 May 94**

Northing: **5,936,342.00**

Date Completed: **10 May 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **50.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.8** Bottom (m): **54.9**  
 Perforated How: **Torch**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds 5g05** Intake (m): **54.9**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **27.4**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	776.3			Clay & Rocks
29.6	753.5			Till Gray
31.1	751.9			Gravel
37.2	745.9			Shale Gray
38.1	744.9			Shale Brown
44.5	738.5			Shale & Coal Gray
44.8	738.2			Coal
54.9	728.2			Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-053-03 W5M**

Well Number **07753**

Well Owner: **Wentworth, Bill**

Elevation (AMSL) (m): **784**

AEP: **365318**

Drilling Contractor: **Kap'S Drilling Ltd.**

Licence No.:

Easting: **45,593.30**

Date Started: **24 Jun 92**

Northing: **5,936,412.50**

Date Completed: **26 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **56.4**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **55.8** Bottom (m): **80.8**  
 Perforated How: **Saw**  
 from (m): **56.7** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkeley** Intake (m): **55.8**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): **55.8** Drawdown (m): **5.5**  
 Rec'd intake (m): **55.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	778.1	Clay Brown
25.9	757.7	Clay Blue
32.3	751.3	Gravel
57.9	725.7	Shale
61.0	722.6	Sandstone
63.1	720.5	Shale
64.6	719.0	Sandstone
66.8	716.8	Shale
70.1	713.5	Sandstone
78.6	704.9	Sandstone
80.8	702.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 24-053-03 W5M**

Well Number **07754**

Well Owner: **Williams, Trevor**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **779**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354527**  
 Easting: **45,266.87**  
 Northing: **5,936,643.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07755**

Well Owner: **Burgess, Darrell C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **369021**  
 Easting: **46,436.28**  
 Northing: **5,935,306.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07756**

Well Owner: **Burgess, Darryle**

Elevation (AMSL) (m): **781**

AEP: **368662**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **46,230.23**

Date Started: **17 Aug 92**

Northing: **5,935,648.50**

Date Completed: **18 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.8** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **28.7** Bottom (m): **40.8**  
 Perforated How: **Machine**  
 from (m): **34.8** to **40.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **360.0**  
 Level End (m): **30.5** Drawdown (m): **12.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.4	777.2	Clay
16.8	763.8	Clay Blue
17.4	763.2	Sand
18.9	761.6	Clay & Sand
25.9	754.6	Clay Brown
31.4	749.2	Shale Gray
36.0	744.6	Shale Brown
36.6	744.0	Coal
39.9	740.6	Shale Brown
40.5	740.0	Sandstone
40.8	739.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 24-053-03 W5M**

Well Number **07757**

Well Owner: **Chikie, John**

Elevation (AMSL) (m): **782**

AEP: **369649**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **46,299.29**

Date Started: **22 Apr 77**

Northing: **5,935,694.50**

Date Completed: **23 Apr 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **50.6**  
 Perforated How: **Torch**  
 from (m): **30.5** to **50.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	777.1			Clay Yellow
21.3	760.3			Clay & Rocks Blue
25.9	755.7			Gravel
28.0	753.6			Shale Brown
30.5	751.2			Shale Brittle Gray
31.7	749.9			Shale Greenish Gray
36.6	745.1			Shale Sandy Gray
39.3	742.3			Shale & Coal Brown
43.6	738.1			Shale Dark Gray
43.9	737.8			Shale Sandy Gray
47.6	734.1			Shale Brittle Gray
48.5	733.2			Shale & Coal Brown
51.5	730.1			Shale Brittle Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SE 24-053-03 W5M**

Well Number **07758**

Well Owner: **Donadt, R**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367635**  
 Easting: **45,829.13**  
 Northing: **5,935,217.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **30.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07759**

Well Owner: **Durnford, Fred**

Elevation (AMSL) (m): **781**

AEP: **402548**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **46,037.98**

Date Started: **13 Mar 95**

Northing: **5,935,543.50**

Date Completed: **14 Mar 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.6** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **36.3** Bottom (m): **36.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **64.6**  
 Perforated How: **Saw**  
 from (m): **42.7** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.6**

**Testing:**

Rate (lpm): **82.1** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **11.6**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	776.4	Clay Sandy Yellow
8.5	772.7	Clay Sandy Blue
14.9	766.3	Sand
18.6	762.7	Clay Blue
24.1	757.2	Sand & Gravel
31.1	750.2	Clay Yellow
33.8	747.4	Sandstone
44.8	736.4	Shale Gray
46.3	734.9	Sandstone
57.0	724.3	Shale Gray
61.9	719.4	Sandstone
64.6	716.6	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 24-053-03 W5M**

Well Number **07760**

Well Owner: **Laycock, Rick**

Elevation (AMSL) (m): **781**

AEP: **406441**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **46,138.13**

Date Started: **28 Apr 95**

Northing: **5,935,841.50**

Date Completed: **01 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.4** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **46.3** Bottom (m): **70.4**  
 Perforated How: **Saw**  
 from (m): **51.8** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **70.1**

**Testing:**

Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **37.8** Drawdown (m): **8.2**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	5.5	775.9		Clay Yellow
	19.5	761.8		Clay Blue
	25.3	756.1		Sand & Gravel
	31.1	750.3		Clay Blue
	35.7	745.7		Shale Gray
	36.3	745.1		Shale & Coal Brown
	38.4	743.0		Sandstone
	39.3	742.0		Shale & Coal Brown
	43.9	737.5		Shale Gray
	44.8	736.6		Shale & Coal Brown
	51.5	729.8		Shale Gray
	52.4	728.9		Shale & Coal Brown
	54.6	726.8		Sandstone
	61.9	719.5		Shale Gray
	70.4	710.9		Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07761**

Well Owner: **Madore, Robert**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **415529**  
 Easting: **46,205.85**  
 Northing: **5,935,356.88**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bentonite Product 20 Feb 95**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07762**

Well Owner: **Madore, Robert**

Elevation (AMSL) (m): **780**

AEP: **401590**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **46,142.74**

Date Started: **15 Feb 95**

Northing: **5,935,395.00**

Date Completed: **17 Feb 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **40.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **35.0** to **38.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **64.0**  
 Perforated How: **Saw**  
 from (m): **48.8** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould** Intake (m): **48.8**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **8.5**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	774.4	Clay	Brown	
10.4	769.5	Clay	Gray	
12.8	767.1	Sand & Gravel	Coarse Grained	
16.1	763.7	Clay	Gray	
18.3	761.6	Sand & Gravel	Coarse Grained	
23.2	756.7	Clay	Gray	
24.1	755.8	Gravel		
25.3	754.6	Clay	Gray	
36.9	743.0	Sandstone		
42.4	737.5	Shale	Gray	
51.2	728.7	Sandstone & Coal		
54.0	725.9	Shale	Gray	
61.9	718.0	Sandstone		
64.0	715.9	Shale	Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07763**

Well Owner: **Martynek, George**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **781**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366634**  
 Easting: **46,134.68**  
 Northing: **5,935,548.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 24-053-03 W5M**

Well Number **07764**

Well Owner: **Muehldorfer, Anna**

Elevation (AMSL) (m): **781**

AEP: **386258**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **46,367.21**

Date Started: **10 Jun 94**

Northing: **5,935,721.00**

Date Completed: **14 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.9** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **35.0** Bottom (m): **46.9**  
 Perforated How: **Saw**  
 from (m): **38.1** to **46.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **26.5** Drawdown (m): **3.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth (m)</b>	<b>Elevation (BGL) (AMSL) (m)</b>	<b>Lithologic Description</b>
6.4	774.8	Clay Yellow
20.4	760.8	Clay Blue
25.6	755.6	Sand & Gravel
26.8	754.4	Clay Yellow
33.2	748.0	Shale Gray
34.8	746.5	Shale & Coal Brown
38.7	742.5	Sandstone
39.3	741.9	Shale & Coal Brown
41.2	740.1	Shale Gray
45.7	735.5	Sandstone
46.9	734.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 24-053-03 W5M**

Well Number **07765**

Well Owner: **Stephanuk, L.**  
 Drilling Contractor: *Cobob Pumps And Services Ltd.*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **415528**  
 Easting: **46,205.85**  
 Northing: **5,935,356.88**

**General:**  
 Type of Work: **Old Well-Abandoned**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 10 Mar 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SE 24-053-03 W5M**

Well Number **07766**

Well Owner: **Stephanuk, L.**

Elevation (AMSL) (m): **777**

AEP: **401591**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **45,835.38**

Date Started: **07 Mar 95**

Northing: **5,935,424.00**

Date Completed: **10 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **46.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **38.1** to **41.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **54.9** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 5g05422** Intake (m): **54.9**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **54.9** Drawdown (m): **7.9**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.0	769.8	Clay Brown
18.9	757.9	Clay Gray
21.0	755.8	Sand & Gravel
32.6	744.2	Clay Yellow
38.4	738.4	Sandstone & Coal
43.3	733.5	Shale Gray
44.2	732.6	Shale & Coal Brown
46.3	730.5	Sandstone
47.9	728.9	Shale Gray
52.7	724.1	Sandstone
54.0	722.8	Shale Gray
58.8	718.0	Sandstone
61.0	715.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 24-053-03 W5M**

Well Number **07767**

Well Owner: **Henry, Jensey**

Elevation (AMSL) (m): **785**

AEP: **352505**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **45,262.59**

Date Started: **28 Sep 90**

Northing: **5,935,896.00**

Date Completed: **01 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **47.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **51.8** Bottom (m): **72.2**  
 Perforated How: **Machine**  
 from (m): **51.8** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	7.6	777.1		Clay Yellow
	23.5	761.3		Clay Blue
	28.0	756.7		Gravel
	30.5	754.3		Clay & Rocks Blue
	39.6	745.1		Shale Green
	41.8	743.0		Shale & Coal Brown
	43.6	741.2		Shale Sandy Gray
	44.5	740.2		Coal
	51.5	733.2		Shale Gray
	53.3	731.4		Coal
	58.5	726.2		Shale Gray
	71.6	713.1		Shale Sandy Gray
	73.2	711.6		Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 24-053-03 W5M**

Well Number **07768**

Well Owner: **Huroal, B**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **783**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354784**  
 Easting: **45,369.64**  
 Northing: **5,935,684.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **41.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 24-053-03 W5M**

Well Number **07769**

Well Owner: **Law, Steve**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **778**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354526**  
 Easting: **45,473.25**  
 Northing: **5,935,350.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 24-053-03 W5M**

Well Number **07770**

Well Owner: **Steeves, Fred**

Elevation (AMSL) (m): **781**

AEP: **372469**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **45,481.48**

Date Started: **10 Nov 93**

Northing: **5,935,701.50**

Date Completed: **12 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **32.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **58.5**  
 Perforated How: **Saw**  
 from (m): **29.6** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **34.8** Drawdown (m): **11.0**  
 Rec'd intake (m): **34.8** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	773.4	Clay Yellow
16.5	764.6	Clay Blue
21.6	759.4	Gravel
22.3	758.8	Clay Blue
32.6	748.5	Shale Gray
33.2	747.8	Shale & Coal Brown
36.9	744.2	Shale Hard Gray
37.5	743.6	Shale & Coal Brown
46.6	734.4	Shale Soft Gray
47.2	733.8	Shale & Coal Brown
48.2	732.9	Shale Gray
48.8	732.3	Shale & Coal Brown
50.9	730.2	Shale Gray
51.5	729.6	Shale & Coal Brown
52.7	728.3	Shale Gray
55.5	725.6	Shale Sandy Gray
59.4	721.6	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-25-053-03 W5M

Well Number 07771

Well Owner: **Zimmerman, Bob**

Elevation (AMSL) (m): **773**

AEP: **379122**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **45,188.02**

Date Started: **07 Nov 93**

Northing: **5,937,180.00**

Date Completed: **12 Nov 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.1** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): **27.4** to **30.5**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **64.0** Bottom (m): **70.1**  
 Perforated How: **Machine**  
 from (m): **33.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **44.2**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.5 767.8 Clay  
 21.0 752.3 Clay Blue  
 26.8 746.5 Gravel  
 31.7 741.6 Shale Sandy  
 35.7 737.6 Shale Brown  
 36.0 737.3 Coal  
 39.0 734.3 Shale  
 39.3 734.0 Coal  
 45.1 728.2 Shale  
 46.9 726.4 Coal  
 54.9 718.4 Shale & Coal Green  
 63.4 709.9 Shale  
 64.0 709.3 Sandstone Hard  
 66.1 707.2 Shale  
 66.8 706.5 Shale Gray  
 67.4 705.9 Sandstone Hard  
 70.1 703.2 Shale Sandy

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 25-053-03 W5M**

Well Number **07772**

Well Owner: **Vaneaton, Allan**

Elevation (AMSL) (m): **775**

AEP: **401093**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **46,367.96**

Date Started: **26 Oct 94**

Northing: **5,937,726.00**

Date Completed: **01 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **34.4** Bottom (m): **34.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **45.7**  
 Perforated How: **Torch**  
 from (m): **33.5** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g05** Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **6.1**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	765.8	Clay
18.3	756.7	Till Gray
21.9	753.0	Gravel
23.5	751.5	Sand
27.4	747.5	Shale Gray
33.5	741.4	Shale Brown
39.6	735.3	Shale & Coal Gray
45.7	729.2	Shale & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 28-053-03 W5M**

Well Number **07773**

Well Owner: **Paul, Edith**

Elevation (AMSL) (m): **778**

AEP: **352095**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **40,680.99**

Date Started: **28 Aug 90**

Northing: **5,937,676.50**

Date Completed: **28 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **41.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **54.9**  
 Perforated How: **Torch**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **228.1** Time (minute): **570.0**  
 Level End (m): **30.5** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	772.8			Clay Yellow
6.4	771.6			Clay Soft Blue
28.7	749.4			Sand Fine Grained Gray
30.2	747.8			Clay Blue
37.8	740.2			Sand Coarse Grained Gray
39.6	738.4			Gravel
41.8	736.2			Shale Green
44.5	733.5			Sandstone Fine Grained
45.1	732.9			Shale Bentonitic
46.6	731.4			Shale Gray
47.9	730.2			Sandstone Fine Grained
54.9	723.1			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 28-053-03 W5M**

Well Number **07774**

Well Owner: **Fuhr, Ken**

Elevation (AMSL) (m): **780**

AEP: **354528**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **40,501.74**

Date Started: **21 Nov 89**

Northing: **5,936,920.50**

Date Completed: **24 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **73.2** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **54.6** Bottom (m): **72.2**  
 Perforated How: **Torch**  
 from (m): **54.6** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.9	772.0	Clay
14.0	765.9	Gravel
19.8	760.1	Shale Gray
20.4	759.5	Shale Green
25.3	754.7	Shale Sandy Gray
28.4	751.6	Shale Green
29.6	750.4	Shale Sandy Gray
35.0	744.9	Shale Green
35.7	744.3	Coal Soft
37.8	742.2	Shale Green
39.6	740.3	Shale Sandy Gray
40.8	739.1	Shale Brown
43.0	737.0	Coal
50.3	729.7	Shale Gray
52.7	727.2	Coal
57.3	722.7	Shale Green
59.1	720.8	Shale Gray
59.7	720.2	Coal
64.6	715.3	Shale Gray
65.2	714.7	Shale Green
67.1	712.9	Shale Sandy Gray
71.6	708.3	Shale Sandy Gray
73.2	706.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-04 W5M**

Well Number **07781**

Well Owner: **Calhoun, A.V.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365791**  
 Easting: **36,615.63**  
 Northing: **5,931,409.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **61.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-053-04 W5M**

Well Number **07782**

Well Owner: **Hart, Dave**

Elevation (AMSL) (m): **730**

AEP: **382855**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **36,615.63**

Date Started: **13 Jun 94**

Northing: **5,931,409.00**

Date Completed: **16 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **18.3** to **29.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **39.6**  
 Perforated How: **Saw**  
 from (m): **32.0** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **20.7**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	728.4	Sand Coarse Grained
5.2	724.5	Clay Brown
6.7	722.9	Clay Gray
10.4	719.3	Sand
13.1	716.5	Clay Gray
17.4	712.3	Sand
19.2	710.4	Clay Gray
20.4	709.2	Shale & Coal Brown
22.6	707.1	Sandstone
23.5	706.2	Shale & Coal Brown
29.0	700.7	Gravel
30.2	699.5	Shale Gray
31.7	697.9	Shale Green
34.8	694.9	Sandstone
36.3	693.4	Coal
38.7	690.9	Shale Green
39.6	690.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-04 W5M**

Well Number **07783**

Well Owner: **Johnson, Dr. Royce L.C.**

Elevation (AMSL) (m): **730**

AEP: **365729**

Drilling Contractor: *Mahar, Vern Drilling Services*

Licence No.:

Easting: **36,615.63**

Date Started: **16 Mar 92**

Northing: **5,931,409.00**

Date Completed: **16 Mar 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **48.8**  
 Perforated How: **Machine**  
 from (m): **36.6** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
17.1	712.6			Clay Soft Blue
28.0	701.6			Clay Hard
35.4	694.3			Sand
39.0	690.6			Shale
39.9	689.7			Coal
43.3	686.4			Clay
46.0	683.6			Coal
48.8	680.9			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-053-04 W5M**

Well Number **07784**

Well Owner: **Mcivor, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368634**  
 Easting: **36,615.63**  
 Northing: **5,931,409.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-053-04 W5M**

Well Number **07785**

Well Owner: **Seland, Larry**

Elevation (AMSL) (m): **730**

AEP: **364975**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **36,615.63**

Date Started: **10 Jun 92**

Northing: **5,931,409.00**

Date Completed: **11 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **22.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Gould**

Model: **7g05422** Intake (m): **21.3**

**Testing:**

Rate (lpm): **54.7** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **12.2**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.0	718.7			Clay Brown
21.3	708.3			Clay & Sand Gray
25.9	703.7			Shale Gray
26.2	703.4			Sandstone
27.4	702.2			Shale Gray
29.9	699.8			Siltstone
33.5	696.1			Shale Gray
35.4	694.3			Shale & Coal Brown
36.6	693.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-053-04 W5M**

Well Number **07786**

Well Owner: **Slemko, Wally**

Elevation (AMSL) (m): **730**

AEP: **360117**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **36,615.63**

Date Started: **26 Aug 91**

Northing: **5,931,409.00**

Date Completed: **27 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **29.9** Bottom (m): **29.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **27.7** to **29.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **39.6**  
 Perforated How: **Saw**  
 from (m): **30.5** to **39.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **100.3** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **18.3**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	720.5			Clay Brown
22.9	706.8			Clay Gray
25.3	704.3			Shale Gray
29.9	699.8			Shale Green
30.8	698.9			Shale & Coal Brown
31.1	698.6			Shale Gray
33.5	696.1			Sandstone & Coal
39.6	690.0			Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-053-04 W5M**

Well Number **07787**

Well Owner: **Sutherland, Anna**

Elevation (AMSL) (m): **730**

AEP: **357298**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **36,615.63**

Date Started: **12 Oct 90**

Northing: **5,931,409.00**

Date Completed: **16 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **38.7**  
 Perforated How: **Machine**  
 from (m): **32.6** to **38.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **720.0**  
 Level End (m): **25.9** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.8	720.8	Clay
28.0	701.6	Clay Blue
37.2	692.5	Shale
37.8	691.9	Coal
38.1	691.5	Shale
38.7	690.9	Coal
39.6	690.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-053-04 W5M**

Well Number **07788**

Well Owner: **William Cons'T**

Elevation (AMSL) (m): **730**

AEP: **361207**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **36,615.63**

Date Started: **03 Oct 91**

Northing: **5,931,409.00**

Date Completed: **03 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.6** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **36.3** Bottom (m): **61.6**  
 Perforated How: **Saw**  
 from (m): **36.9** to **61.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	724.8	Clay Brown
30.8	698.9	Clay Blue
35.0	694.6	Sand & Gravel Coarse Grained
35.7	694.0	Shale Brown
36.0	693.7	Coal
38.4	691.2	Shale
39.6	690.0	Sandstone
59.1	670.5	Shale
61.3	668.4	Sandstone
61.6	668.1	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 01-053-04 W5M**

Well Number **07789**

Well Owner: **Drever, J**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **729**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356921**  
 Easting: **36,709.56**  
 Northing: **5,930,632.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 01-053-04 W5M**

Well Number **07790**

Well Owner: **Priority Mechanical Ltd**

Elevation (AMSL) (m): **729**

AEP: **366586**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **36,709.56**

Date Started: **08 Oct 92**

Northing: **5,930,632.50**

Date Completed: **08 Oct 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **37.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **42.7** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **16.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **364.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	724.9			Clay Yellow
35.4	693.8			Clay Sandy Blue
42.4	686.8			Shale Gray
43.0	686.2			Shale & Coal Brown
54.3	674.9			Shale Gray
59.7	669.4			Sandstone
61.0	668.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 01-053-04 W5M**

Well Number **07791**

Well Owner: **Thomas, Denny**

Elevation (AMSL) (m): **729**

AEP: **357762**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **36,709.56**

Date Started: **08 Oct 86**

Northing: **5,930,632.50**

Date Completed: **09 Oct 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **45.7**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
24.4	704.8	Clay
25.9	703.3	Sand
42.7	686.5	Clay
46.3	682.8	Shale
46.9	682.2	Coal
50.3	678.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 02-053-04 W5M**

Well Number **07792**

Well Owner: **Benoit, James**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **376439**  
 Easting: **34,046.36**  
 Northing: **5,931,203.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic & Stock**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **24 Nov 86**

pH (pH unit) <b>7.15</b>	COD	Mercury
Cond. (µS/cm) <b>1260</b>	SAR	Nickel
TDS <b>739.0</b>	TKN	Selenium
Sodium <b>11.04</b>	Nitrate <b>0.37</b>	Strontium
Potassium	Nitrite <b>0.37</b>	Molybdenum
Calcium <b>11.02</b>	TN	Vanadium
Magnesium <b>68.10</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>739.00</b>
Aluminum	Barium	Manganese
Sulphate <b>123.92</b>	Beryllium	Phosphate
Chloride <b>26.94</b>	Cadium	Ion Balance
Fluoride <b>0.56</b>	Chromium	Amm. Nitrogen
Iron <b>0.07</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>595.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 03-053-04 W5M**

Well Number **07793**

Well Owner: **Bly, Elmer/C/O Wms Const**

Elevation (AMSL) (m): **726**

AEP: **376751**

Licence No.:

Easting: **32,181.60**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **18 Sep 93**

Northing: **5,931,511.50**

Date Completed: **18 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **2.1** Bottom (m): **32.6**  
 Perforated How: **Machine**  
 from (m): **23.5** to **32.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **11.0**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.2	725.0	Clay Sandy Brown
1.8	724.4	Silt Black
5.8	720.4	Silt Brown
7.3	718.9	Clay Sandy Brown
11.0	715.3	Sand Loose Brown
14.3	711.9	Shale Light Gray
14.6	711.6	Coal
16.1	710.1	Shale Fractured
16.8	709.5	Sandstone Dark Gray
21.6	704.6	Shale Sandy Gray
25.0	701.2	Shale Gray
28.4	697.9	Shale Sandy Gray
29.3	697.0	Shale Dark Gray
30.2	696.1	Coal
31.7	694.5	Sandstone Sandy Gray
32.3	693.9	Shale Gray
33.5	692.7	Shale & Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 03-053-04 W5M**

Well Number **07794**

Well Owner: **Spotowski/C/O Wms Const Mgmt**

Elevation (AMSL) (m): **726**

AEP: **376750**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **32,364.72**

Date Started: **17 Sep 93**

Northing: **5,931,660.00**

Date Completed: **17 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **1.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **2.1** Bottom (m): **32.6**  
 Perforated How: **Machine**  
 from (m): **21.0** to **32.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **9.1**

**Testing:**

Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **9.1** Drawdown (m): **7.9**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.6	725.0	Clay Sandy
0.9	724.7	Silt Black
5.5	720.2	Silt Brown
7.3	718.3	Clay Gray
10.7	715.0	Sand Loose Brown
11.9	713.8	Clay & Boulders Gray
13.1	712.5	Shale Light Gray
13.4	712.2	Shale Fractured Brown
14.3	711.3	Shale Gray
15.9	709.8	Shale Sandy Gray
16.1	709.5	Shale Dark Gray
16.8	708.9	Shale & Coal Gray
17.4	708.3	Shale Fractured
22.6	703.1	Shale Sandy Gray
24.4	701.3	Shale Gray
26.5	699.1	Sand Gray
27.4	698.2	Shale Dark Gray
29.3	696.4	Shale Sandy Gray
30.2	695.5	Coal
31.4	694.3	Sand & Sandstone Gray
32.9	692.7	Shale Gray
33.5	692.1	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 03-053-04 W5M**

Well Number **07795**

Well Owner: **Starko, Ed**

Elevation (AMSL) (m): **726**

AEP: **360170**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **32,297.71**

Date Started: **20 Aug 91**

Northing: **5,931,606.50**

Date Completed: **21 Aug 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **17.1** Bottom (m): **17.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **17.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.5** Bottom (m): **35.7**  
 Perforated How: **Saw**  
 from (m): **12.5** to **35.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **5.5** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

0.9	724.8	Clay	Brown
2.4	723.2	Clay & Rocks	Blue
3.1	722.6	Gravel	
9.1	716.5	Clay Sandy	Yellow
11.0	714.7	Sand	Gray
12.2	713.5	Shale Sandy	Gray
15.5	710.1	Shale	Gray
17.4	708.3	Shale	Green
17.7	708.0	Shale	Brown
18.9	706.8	Coal	
24.7	701.0	Shale	Green
28.4	697.3	Shale Sandy	Gray
29.0	696.7	Coal	
33.5	692.2	Shale Sandy	Gray
34.8	690.9	Shale	Brown
35.4	690.3	Coal	
36.6	689.1	Shale	Light Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 04-053-04 W5M**

Well Number **07796**

Well Owner: **Woods, Kathleen**

Elevation (AMSL) (m): **728**

AEP: **401244**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **31,556.27**

Date Started: **21 Nov 94**

Northing: **5,931,624.50**

Date Completed: **23 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.8** (m)  
 NPWL (m): **.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **22.9** to **23.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **1.5** Drawdown (m): **0.6**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.4	722.1	Clay
16.8	711.7	Shale Sandy
19.2	709.3	Shale Gray
22.9	705.6	Shale Green
23.2	705.3	Shale Brown
23.5	705.0	Coal
25.6	702.9	Shale Brown
31.1	697.4	Shale Gray
31.7	696.8	Shale Hard Gray
34.8	693.7	Shale Brown
35.7	692.8	Coal
38.1	690.4	Shale Brown
40.2	688.2	Coal
41.5	687.0	Shale Brown
42.1	686.4	Coal
42.7	685.8	Shale Brown
47.6	680.9	Shale Sandy
51.2	677.3	Shale Brown
51.8	676.7	Sandstone Hard
57.9	670.6	Shale Hard Brown
58.8	669.6	Shale Sandy
65.8	662.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-053-04 W5M**

Well Number **07797**

Well Owner: **Kooznetsoff, Mike**

Elevation (AMSL) (m): **726**

AEP: **351499**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **30,834.76**

Date Started: **11 Jun 90**

Northing: **5,931,818.50**

Date Completed: **15 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **15.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **27.4**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **720.0**  
 Level End (m): **21.3** Drawdown (m): **20.1**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	724.0	Clay
4.6	721.9	Clay Gray
7.6	718.8	Shale
10.4	716.1	Sandstone
11.0	715.5	Sandstone
13.7	712.7	Shale Sandy
15.5	710.9	Shale
16.1	710.3	Sandstone
19.8	706.6	Shale Sandy
20.1	706.3	Sandstone
21.6	704.8	Shale Sandy
23.8	702.7	Sandstone
26.5	699.9	Shale
26.8	699.6	Coal
29.0	697.5	Shale
29.3	697.2	Coal
30.5	695.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-053-04 W5M**

Well Number **07798**

Well Owner: **Morin, Bob**

Elevation (AMSL) (m): **728**

AEP: **375412**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **30,474.74**

Date Started: **19 Dec 75**

Northing: **5,932,069.50**

Date Completed: **23 Dec 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	722.0	Sand Brown
9.1	718.9	Sand Black
15.2	712.8	Sand & Sandstone
16.8	711.3	Sandstone
22.9	705.2	Sandstone Hard
30.5	697.6	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-053-04 W5M**

Well Number **07799**

Well Owner: **Paron, Jim**

Elevation (AMSL) (m): **727**

AEP: **357763**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **30,801.09**

Date Started: **24 May 79**

Northing: **5,931,854.50**

Date Completed: **26 May 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.1	724.4			Gravel
5.5	721.1			Sand
6.7	719.8			Clay Sandy
16.1	710.4			Sandstone Soft
23.2	703.4			Sandstone
26.5	700.0			Shale Gray
27.1	699.4			Coal
28.7	697.9			Shale Brown
30.5	696.1			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-053-04 W5M**

Well Number **07800**

Well Owner: **Sarnycia, M**

Elevation (AMSL) (m): **727**

AEP: **357764**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **30,887.86**

Date Started: **30 May 84**

Northing: **5,931,775.50**

Date Completed: **31 May 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **17.7**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **17.1** Drawdown (m): **16.5**  
 Rec'd intake (m): **17.7** Rec'd Rate (lpm): **18.2**

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	723.7	Clay
4.9	721.9	Shale Gray
17.4	709.4	Sandstone Blue
18.9	707.9	Shale Gray
22.9	703.9	Sandstone Blue
23.5	703.3	Coal
28.0	698.7	Sandstone Blue
29.3	697.5	Shale Gray
29.9	696.9	Sandstone Blue
30.5	696.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 04-053-04 W5M**

Well Number **07801**

Well Owner: **Videsjorden, John**

Elevation (AMSL) (m): **726**

AEP: **443278**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **30,820.52**

Date Started: **04 Jun 95**

Northing: **5,931,839.00**

Date Completed: **05 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **19.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **21.3** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.9**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **29.6** Drawdown (m): **27.7**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **13.7**

<b>Depth</b>	<b>Elevation</b>	<b>(BGL) (AMSL)</b>	<b>(m) (m)</b>	<b>Lithologic Description</b>
2.1	724.3			Sand & Gravel
3.4	723.1			Sand
6.4	720.1			Shale Soft
13.7	712.8			Sandstone
17.1	709.4			Shale Gray
22.3	704.2			Sandstone
27.4	699.0			Shale & Coal
33.5	692.9			Shale
35.4	691.1			Sandstone
36.6	689.9			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-04 W5M**

Well Number **07802**

Well Owner: **Arnold, Stewart**

Elevation (AMSL) (m): **762**

AEP: **351710**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **27,238.94**

Date Started: **21 Jun 90**

Northing: **5,933,255.50**

Date Completed: **25 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **18.9** to **20.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	758.1	Sand Coarse Grained
8.5	753.5	Clay Yellow
17.4	744.7	Shale Sandy
18.9	743.2	Shale Gray
21.3	740.7	Shale & Coal Sandy
22.9	739.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-04 W5M**

Well Number **07803**

Well Owner: **Arnold, Stewart**

Elevation (AMSL) (m): **722**

AEP: **351709**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **27,517.54**

Date Started: **21 Jun 90**

Northing: **5,932,741.04**

Date Completed: **25 Jun 90**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.5** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Cuttings**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	712.0	Clay Sandy Yellow
10.1	711.7	Clay Soft Blue
12.2	709.6	Shale & Coal Brown
18.3	703.5	Shale Soft Green
21.3	700.4	Shale Green
22.9	698.9	Shale & Coal Brown
29.9	691.9	Shale Green
30.5	691.3	Shale Green
42.7	679.1	Bentonite Sandy Gray
43.3	678.5	Shale Green
47.2	674.5	Shale & Coal Sandy Gray
48.8	673.0	Shale Gray
49.7	672.1	Coal
51.5	670.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**NW 07-053-04 W5M**

Well Number **07804**

Well Owner: **Frammell, R.E.**

Elevation (AMSL) (m): **747**

AEP: **357806**

Drilling Contractor: *Cal & Norm'S Drilling*

Licence No.:

Easting: **27,253.70**

Date Started:

Northing: **5,933,093.00**

Date Completed: **10 Oct 64**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **4.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jet**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **10.4**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	740.2			Sand & Clay Stringers
14.0	733.4			Clay Blue
15.9	731.6			Shale Soft Gray
19.5	728.0			Shale Hard Gray
31.1	716.4			Shale Sandy Gray
31.7	715.8			Sandstone Blue
32.3	715.2			Coal
32.6	714.9			Sandstone Blue
33.5	713.9			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-04 W5M**

Well Number **07805**

Well Owner: **Hope, Jim**

Elevation (AMSL) (m): **753**

AEP: **368576**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **27,782.64**

Date Started: **23 Sep 92**

Northing: **5,933,404.50**

Date Completed: **25 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **61.0**  
 Perforated How: **Machine**  
 from (m): **54.9** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **360.0**  
 Level End (m): **45.7** Drawdown (m): **35.7**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	750.8	Clay
9.1	743.5	Sand
12.2	740.5	Sand & Coal
15.2	737.4	Clay
22.6	730.1	Shale
37.8	714.9	Shale & Coal Sandy
45.7	707.0	Shale Brown
46.0	706.7	Coal
47.2	705.4	Shale Gray
53.3	699.3	Shale Brown
54.3	698.4	Coal
58.8	693.9	Shale Brown
60.0	692.6	Coal
61.0	691.7	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-04 W5M**

Well Number **07806**

Well Owner: **Mcdonald, J**

Elevation (AMSL) (m): **747**

AEP: **357765**

Drilling Contractor: *Triple M Drlg*

Licence No.:

Easting: **27,254.47**

Date Started: **12 Jul 77**

Northing: **5,933,087.50**

Date Completed: **18 Jul 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **45.1**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **13 Stage** Intake (m): **44.2**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **480.0**  
 Level End (m): **44.2** Drawdown (m): **31.1**  
 Rec'd intake (m): **44.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	743.6	Sand
5.8	741.2	Clay Yellow
13.1	733.9	Sand & Clay Stringers
15.2	731.7	Shale & Coal Gray
19.2	727.8	Shale Gray
20.7	726.2	Sand & Coal
22.9	724.1	Shale Gray
43.3	703.7	Sandstone White
44.2	702.8	Shale & Coal Brown
44.8	702.2	Shale Gray
45.4	701.6	Coal
47.6	699.4	Shale Green
48.2	698.8	Sandstone Hard Yellow
49.1	697.9	Shale Gray
50.0	697.0	Shale Green
56.4	690.6	Shale Gray
57.9	689.1	Coal
60.0	686.9	Shale Gray
62.2	684.8	Coal
68.6	678.4	Sandstone Gray
73.2	673.8	Shale Gray
75.6	671.4	Shale Green
79.2	667.7	Shale Gray
85.3	661.6	Shale Green
86.9	660.1	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-04 W5M**

Well Number **07807**

Well Owner: **Smith, Blaise F**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361717**  
 Easting: **27,255.25**  
 Northing: **5,933,333.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 08-053-04 W5M**

Well Number **07808**

Well Owner: **Mckone, Pat**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **739**      AEP: **363782**  
 Licence No.:                              Easting: **29,962.58**  
 Date Started: **10 Oct 91**          Northing: **5,932,995.50**  
 Date Completed: **11 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **2.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **6.7**      Bottom (m): **6.7**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):              to **6.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **6.1**      Bottom (m): **18.9**  
 Perforated How: **Machine**  
 from (m): **12.8**      to **18.9**      Size:  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):              to              Size:  
 from (m):              to              Size:  
**Open Hole:**  
 from (m):              to  
**Pump: Sub**  
 Model: **Jacuzzi**                              Intake (m): **15.2**  
**Testing:**  
 Rate (lpm): **18.2**                              Time (minute): **360.0**  
 Level End (m): **8.5**                              Drawdown (m): **6.1**  
 Rec'd intake (m): **15.2**                              Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	736.7	Clay
11.3	727.9	Shale
18.9	720.2	Sandstone
21.3	717.8	Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-053-04 W5M**

Well Number **07809**

Well Owner: **Blackstock, George**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **741**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356922**  
 Easting: **28,972.09**  
 Northing: **5,932,861.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **7.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-053-04 W5M**

Well Number **07810**

Well Owner: **Parranto V.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **746**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356923**  
 Easting: **29,139.05**  
 Northing: **5,932,909.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **10.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 09-053-04 W5M**

Well Number **07811**

Well Owner: **Pasko, Gary**

Elevation (AMSL) (m): **764**

AEP: **399329**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **31,275.75**

Date Started: **15 Jul 94**

Northing: **5,933,067.50**

Date Completed: **15 Jul 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **30.8** to **32.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **42.7**  
 Perforated How: **Hand Drill**  
 from (m): **32.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **59.3** Time (minute): **120.0**  
 Level End (m): **35.0** Drawdown (m): **7.6**  
 Rec'd intake (m): **35.0** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	759.3	Clay Brownish Yellow
7.9	755.7	Coal
9.4	754.2	Shale Brownish Gray
11.0	752.6	Coal
12.5	751.1	Shale Carbonaceous
14.0	749.6	Coal
14.6	749.0	Shale Brown
16.8	746.8	Shale Green
18.9	744.7	Sandstone
23.5	740.1	Shale Gray
24.4	739.2	Shale Bentonitic
32.6	731.0	Shale Gray
42.7	720.9	Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 09-053-04 W5M**

Well Number **07812**

Well Owner: **Chechatko, Phillip**

Elevation (AMSL) (m): **729**

AEP: **369291**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,384.26**

Date Started: **22 Apr 93**

Northing: **5,931,961.00**

Date Completed: **22 Apr 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **21.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.9** Bottom (m): **31.1**  
 Perforated How: **Saw**  
 from (m): **18.9** to **31.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **16.8** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	724.8			Clay Hard Yellow
7.6	721.7			Shale Gray
20.4	708.9			Shale Sandy Gray
22.3	707.1			Shale Gray
27.7	701.6			Shale Sandy Gray
29.3	700.1			Shale & Coal Brown
32.0	697.3			Shale Greenish Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 09-053-04 W5M**

Well Number **07813**

Well Owner: **Gmeinweser, Tom**

Elevation (AMSL) (m): **730**

AEP: **351285**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,791.51**

Date Started: **09 May 90**

Northing: **5,931,867.00**

Date Completed: **10 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **20.1** Bottom (m): **45.4**  
 Perforated How: **Machine**  
 from (m): **20.1** to **45.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **11.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	728.4	Clay Yellow
5.5	724.4	Clay Blue
8.5	721.4	Clay Yellow
15.2	714.7	Shale Sandy Gray
20.4	709.5	Shale Gray
21.3	708.6	Shale Green
24.4	705.5	Shale & Coal Brown
26.8	703.1	Shale Gray
27.4	702.5	Shale Green
33.2	696.7	Shale Gray
33.8	696.1	Coal
37.8	692.1	Shale Gray
40.5	689.4	Coal
42.7	687.2	Shale Gray
46.0	683.9	Shale Sandy Gray
46.3	683.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-04 W5M**

Well Number **07814**

Well Owner: **Lord, Bruce**

Elevation (AMSL) (m): **731**

AEP: **372471**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,522.20**

Date Started: **22 Jun 93**

Northing: **5,931,959.00**

Date Completed: **24 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **17.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **14.9** Bottom (m): **36.9**  
 Perforated How: **Saw**  
 from (m): **14.9** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **10.7** Drawdown (m): **6.1**  
 Rec'd intake (m): **10.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	724.9	Clay Yellow
16.1	714.9	Shale Sandy Yellow
17.1	713.9	Shale Brittle Gray
18.9	712.1	Shale Gray
27.4	703.6	Sandstone
37.8	693.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-04 W5M**

Well Number **07815**

Well Owner: **Ludington, Andrew**

Elevation (AMSL) (m): **732**

AEP: **397123**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,622.92**

Date Started: **29 Sep 93**

Northing: **5,932,075.00**

Date Completed: **29 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **14.9** Bottom (m): **33.2**  
 Perforated How: **Saw**  
 from (m): **14.9** to **33.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **10.7**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	729.6			Clay Yellow
4.0	728.0			Clay Blue
7.0	725.0			Shale Soft Gray
16.8	715.2			Shale Sandy Gray
19.5	712.5			Shale Greenish Gray
24.4	707.6			Shale Sandy Gray
25.3	706.7			Coal
29.0	703.1			Shale Brittle Gray
30.5	701.5			Shale Green
34.1	697.9			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 09-053-04 W5M**

Well Number **07816**

Well Owner: **Peddle, Foster**

Elevation (AMSL) (m): **730**

AEP: **358546**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,852.82**

Date Started: **04 Jun 91**

Northing: **5,931,875.50**

Date Completed: **05 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **8.5** Bottom (m): **8.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **8.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **5.5** Bottom (m): **31.1**  
 Perforated How: **Machine**  
 from (m): **5.5** to **31.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **7.6** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	729.1	Sand
4.0	726.1	Clay Yellow
7.6	722.4	Clay Blue
14.3	715.7	Shale Sandy Gray
20.4	709.6	Shale Gray
21.9	708.1	Coal
32.0	698.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-04 W5M**

Well Number **07817**

Well Owner: **Thorogood, Dave**

Elevation (AMSL) (m): **729**

AEP: **364930**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **31,390.83**

Date Started: **01 Jun 92**

Northing: **5,931,875.50**

Date Completed: **01 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **9.1**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **6.1** Bottom (m): **31.1**  
 Perforated How: **Saw**  
 from (m): **6.1** to **31.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **12.2**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	726.1	Clay Yellow
4.0	724.6	Clay Blue
4.3	724.3	Stones
6.1	722.4	Shale Soft Brown
9.1	719.4	Shale Sandy Light Gray
10.7	717.9	Shale Gray
18.3	710.2	Sand & Shale Gray
18.6	709.9	Sandstone
20.7	707.8	Shale Gray
24.4	704.2	Shale Sandy Gray
25.9	702.6	Shale Gray
27.1	701.4	Shale & Coal Brown
32.0	696.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 09-053-04 W5M**

Well Number **07818**

Well Owner: **Wallace, Bannisy**

Elevation (AMSL) (m): **730**

AEP: **397119**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **31,449.95**

Date Started: **02 Aug 94**

Northing: **5,931,954.50**

Date Completed: **05 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **36.6**  
 Perforated How: **Torch**  
 from (m): **30.5** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **7g03** Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **320.0**  
 Level End (m): **36.6** Drawdown (m): **36.6**  
 Rec'd intake (m): **32.0** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	720.5	Clay Brown
12.2	717.5	Clay Blue
18.3	711.4	Shale Brown
24.4	705.3	Shale Gray
27.4	702.2	Shale Brown
32.0	697.7	Shale Green
36.6	693.1	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-04 W5M**

Well Number **07819**

Well Owner: **Baker, Don**

Elevation (AMSL) (m): **728**

AEP: **399999**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **30,726.57**

Date Started: **16 Feb 94**

Northing: **5,932,148.50**

Date Completed: **02 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **45.7**  
 Perforated How: **Torch**  
 from (m): **24.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **42.7**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

<b>Depth (m)</b>	<b>Elevation (BGL) (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	728.2	Topsoil
7.0	721.5	Clay Brown
9.1	719.3	Sandstone Brown
14.3	714.2	Sandstone & Coal Brown
15.2	713.2	Coal
19.8	708.7	Sandstone & Coal Gray
21.3	707.1	Sandstone & Coal Brown
27.4	701.0	Shale Gray
31.1	697.4	Sandstone & Coal Gray
34.1	694.3	Shale Gray
36.6	691.9	Shale Brown
39.0	689.5	Sandstone & Coal Gray
42.1	686.4	Shale & Coal Brown
45.7	682.8	Shale & Coal Dark Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 09-053-04 W5M**

Well Number **07820**

Well Owner: **Breton, Ileene**

Elevation (AMSL) (m): **726**

AEP: **358454**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **30,644.98**

Date Started: **04 Jul 91**

Northing: **5,931,999.50**

Date Completed: **05 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **10.1** Bottom (m): **10.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **10.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.1** Bottom (m): **48.8**  
 Perforated How: **Other**  
 from (m): **15.2** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **30.5** Drawdown (m): **28.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	718.0	Clay Sandy Blue
10.7	715.6	Shale Gray
15.5	710.7	Sandstone
15.9	710.4	Coal
22.9	703.4	Sandstone
29.9	696.4	Shale Gray
32.3	694.0	Sandstone
33.8	692.4	Shale Gray
34.1	692.1	Coal
40.8	685.4	Shale Gray
43.0	683.3	Sandstone
45.4	680.9	Shale & Coal Brown
47.6	678.7	Shale Gray
48.8	677.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-04 W5M**

Well Number **07821**

Well Owner: **Jakubovic, Leslie**

Elevation (AMSL) (m): **728**

AEP: **378268**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **30,726.57**

Date Started: **25 May 95**

Northing: **5,932,148.50**

Date Completed: **26 May 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **9.1**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **7.3** Bottom (m): **32.3**  
 Perforated How: **Saw**  
 from (m): **9.1** to **32.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **13.7** Drawdown (m): **11.3**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	727.9	Sand
5.5	723.0	Clay Yellow
10.7	717.8	Shale Green
23.2	705.3	Shale Sandy Gray
24.1	704.4	Shale Greenish Gray
25.6	702.9	Shale Sandy Gray
27.4	701.0	Shale Gray
28.4	700.1	Shale Sandy Gray
29.6	698.9	Shale & Coal Brown
33.2	695.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-04 W5M**

Well Number **07822**

Well Owner: **Kooznetsfoff, Shirley**

Elevation (AMSL) (m): **727**

AEP: **356924**

Licence No.:

Easting: **30,840.53**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,931,823.50**

Date Completed:

**General:**  
Type of Work: **Chemistry**  
Drilling Method: **Not Applicable**  
Well Use: **Domestic**  
Completed Depth: **30.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**  
Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**  
Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**  
Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**  
from (m): to

**Pump:**  
Model: Intake (m):

**Testing:**  
Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<u><b>Lithologic Description</b></u>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-04 W5M**

Well Number **07823**

Well Owner: **Macleod, Ken**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **360534**  
 Easting: **30,411.88**  
 Northing: **5,932,261.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.7** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-04 W5M**

Well Number **07824**

Well Owner: **Mcmillan, Ken**

Elevation (AMSL) (m): **728**

AEP: **361239**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **30,726.57**

Date Started: **19 Aug 87**

Northing: **5,932,148.50**

Date Completed: **24 Aug 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.0** Bottom (m): **11.0**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **11.0**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm): **0.1**  
 Top (m): **9.8** Bottom (m): **22.9**  
 Perforated How: **Other**  
 from (m): **9.8** to **22.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **9.1**

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	723.0	Clay
8.5	719.9	Shale Fractured
11.3	717.2	Shale
14.0	714.5	Sandstone
15.5	712.9	Shale
21.9	706.5	Sandstone
22.9	705.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 09-053-04 W5M**

Well Number **07825**

Well Owner: **Morin, J.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **731**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361718**  
 Easting: **30,358.78**  
 Northing: **5,932,227.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-04 W5M**

Well Number **07826**

Well Owner: **Robbins, Ed**  
 Drilling Contractor: *Fehr Drilling*

Elevation (AMSL) (m): **728**      AEP: **365604**  
 Licence No.:                              Easting: **30,726.57**  
 Date Started: **21 Jul 92**              Northing: **5,932,148.50**  
 Date Completed: **22 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **34.1** (m)  
 NPWL (m): **2.4**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m):                              to **16.1**  
**Liner:**  
 Type:  
 OD (mm): **125.5**                      Thickness (mm): **0.1**  
 Top (m):                              Bottom (m): **34.1**  
 Perforated How: **Saw**  
 from (m): **16.8**                      to **21.3**                      Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
**Open Hole:**  
 from (m):                              to  
**Pump: Sub**  
 Model:                              Intake (m):  
**Testing:**  
 Rate (lpm):                              Time (minute): **480.0**  
 Level End (m): **30.5**                      Drawdown (m): **28.0**  
 Rec'd intake (m): **24.4**                      Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	719.9	Clay
19.2	709.3	Sand
19.5	709.0	Coal
21.9	706.5	Sand
29.6	698.9	Shale Hard
30.2	698.3	Coal
33.5	694.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 09-053-04 W5M**

Well Number **07827**

Well Owner: **Snyder, Oliver**

Elevation (AMSL) (m): **728**

AEP: **365509**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **30,726.57**

Date Started: **15 Jul 92**

Northing: **5,932,148.50**

Date Completed: **15 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **7.9** Bottom (m): **7.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **7.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **7.3** Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **8.5** to **30.5** Size:  
 from (m): **33.5** to **33.8** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **420.0**  
 Level End (m): **25.9** Drawdown (m): **24.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	726.0	Clay Brown
4.0	724.5	Clay Gray
5.5	723.0	Shale Brown
7.3	721.2	Shale Sandy Gray
8.5	719.9	Shale Greenish Gray
22.6	705.9	Sandstone & Coal Gray
28.0	700.4	Shale Gray
28.4	700.1	Coal
33.5	694.9	Shale
33.8	694.6	Coal
36.6	691.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 10-053-04 W5M**

Well Number **07828**

Well Owner: **Millis, Katherine**

Elevation (AMSL) (m): **765**

AEP: **415532**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **33,222.54**

Date Started: **30 Aug 95**

Northing: **5,932,993.00**

Date Completed: **30 Aug 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **20.1**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **40.2**  
 Perforated How: **Saw**  
 from (m): **20.1** to **40.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **McDonald** Intake (m): **19.8**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **5.2**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	763.4			Gravel
6.1	758.8			Clay Yellow
7.6	757.3			Shale Dark Gray
9.1	755.7			Shale Green
21.3	743.5			Shale Brittle Gray
39.0	725.9			Shale Silty Gray
40.8	724.0			Coal
41.2	723.7			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 11-053-04 W5M**

Well Number **07829**

Well Owner: **Mcneil, Donald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448925**  
 Easting: **33,976.54**  
 Northing: **5,932,070.50**

**General:**  
 Type of Work: **Well Inventory**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **3.1** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Wood**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **10 Sep 68**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>488.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>304.00</b>
Aluminum	Barium	Manganese
Sulphate <b>81.17</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>3.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>342.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 11-053-04 W5M**

Well Number **07830**

Well Owner: **Rein, Adam**

Elevation (AMSL) (m): **732**

AEP: **410553**

Drilling Contractor: *Other*

Licence No.:

Easting: **33,976.54**

Date Started: **22 Feb 70**

Northing: **5,932,070.50**

Date Completed: **22 Feb 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Hand**  
 Model: **Monitor** Intake (m):  
**Testing:**  
 Rate (lpm): **54.7** Time (minute): **2400.0**  
 Level End (m): Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	725.8	Clay & Rocks Brown
8.2	723.6	Clay Blue
8.5	723.3	Sand & Gravel
18.9	713.0	Clay Hard Blue
19.2	712.7	Rocks White
20.7	711.1	Shale Green
21.9	709.9	Shale Sandy Gray
22.3	709.6	Limestone
23.5	708.4	Shale Gray
24.4	707.5	Shale Blue
26.2	705.7	Shale & Sandstone Brown
27.4	704.4	Shale Gray
31.7	700.2	Shale Blue Gray
33.5	698.3	Shale Blue
36.6	695.3	Shale Gray
37.5	694.4	Shale Sandy Gray
41.5	690.4	Shale Lost Circulation Gray
41.8	690.1	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-04 W5M**

Well Number **07831**

Well Owner: **Ewasiuk, C.**

Elevation (AMSL) (m): **749**

AEP: **367872**

Drilling Contractor: **Satellite Drilling Ltd.**

Licence No.:

Easting: **35,262.95**

Date Started: **25 Sep 74**

Northing: **5,933,100.00**

Date Completed: **25 Sep 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.3** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **36.0**  
 Perforated How: **Torch**  
 from (m): **10.4** to **29.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Hand Pump**  
 Model: **Cylinder** Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): **26.5** Drawdown (m): **18.9**  
 Rec'd intake (m): **25.3** Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
6.7	741.9	Clay Silty Brown
7.9	740.7	Clay Dark Gray
8.2	740.4	Sand Fine Grained Brownish Yel
11.9	736.7	Sandstone Soft Gray
17.7	730.9	Shale & Coal Dark Gray
18.0	730.6	Sandstone Bentonitic
21.6	727.0	Shale Blue Gray
22.9	725.7	Shale Greenish Gray
23.5	725.1	Coal Soft
32.0	716.6	Shale & Coal Brownish Gray
34.4	714.2	Shale Sandy
35.0	713.5	Shale Hard Dark Gray
36.3	712.3	Shale Gray

Laboratory:		<b>01 Sep 74</b>	
pH (pH unit)	<b>8.70</b>	COD	Mercury
Cond. (µS/cm)		SAR	<b>27.40</b> Nickel
TDS	<b>1159</b>	TKN	Selenium
Sodium	<b>315.10</b>	Nitrate	Strontium
Potassium		Nitrite	<b>0.01</b> Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>30.00</b>	DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>25.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>43.23</b>	Beryllium	Phosphate
Chloride	<b>3.55</b>	Cadium	Ion Balance
Fluoride	<b>1.20</b>	Chromium	Amm. Nitrogen
Iron	<b>14.00</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>610.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-04 W5M**

Well Number **07832**

Well Owner: **Loyer, Flossie**

Elevation (AMSL) (m): **749**

AEP: **375897**

Drilling Contractor: **Satellite Drilling Ltd.**

Licence No.:

Easting: **35,262.95**

Date Started: **23 Sep 74**

Northing: **5,933,100.00**

Date Completed: **25 Sep 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.1** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **13.4** Bottom (m): **13.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **42.1**  
 Perforated How: **Torch**  
 from (m): **10.1** to **42.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.1**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **27.7** Drawdown (m): **19.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	747.4	Clay Silty Brown
3.7	744.9	Clay Dark Gray
9.1	739.5	Sandstone Soft Gray
13.4	735.2	Sandstone Bentonitic
13.7	734.9	Conglomerate
14.3	734.3	Shale
14.9	733.7	Coal Soft
22.3	726.3	Shale Brown
22.9	725.7	Sandstone Bentonitic
23.2	725.4	Coal Soft
23.8	724.8	Coal Hard
26.5	722.1	Shale Soft Gray
26.8	721.8	Coal
29.9	718.7	Shale Brownish Gray
33.5	715.1	Shale Sandy Gray
34.4	714.2	Shale Gray
35.0	713.5	Sandstone Shaly
40.8	707.8	Shale Gray
42.1	706.5	Shale & Sandstone Hard

<b>Laboratory:</b>			<b>25 Sep 74</b>
pH (pH unit)	<b>8.90</b>	COD	Mercury
Cond. (µS/cm)		SAR	Nickel
TDS	<b>1141</b>	TKN	Selenium
Sodium	<b>330.05</b>	Nitrate	Strontium
Potassium		Nitrite	<b>0.01</b> Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>93.00</b>	DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>25.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance
Fluoride	<b>1.00</b>	Chromium	Amm. Nitrogen
Iron	<b>0.10</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>575.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-04 W5M**

Well Number **07833**

Well Owner: **Cahoon, Robert H.**

Elevation (AMSL) (m): **723**

AEP: **354052**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **36,669.59**

Date Started: **12 Dec 89**

Northing: **5,931,941.00**

Date Completed: **13 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **53.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): **29.9** to **30.2**  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **53.3**  
 Perforated How: **Machine**  
 from (m): **41.2** to **53.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **53.3** Drawdown (m): **44.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	714.9	Clay Yellow
22.9	699.7	Clay Blue
25.9	696.6	Shale Fractured
34.1	688.4	Shale Gray
35.0	687.5	Coal
42.7	679.8	Shale Gray
44.2	678.3	Coal
50.3	672.2	Shale Gray
51.8	670.7	Sandstone Hard
53.3	669.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-04 W5M**

Well Number **07834**

Well Owner: **Feist, Linus**

Elevation (AMSL) (m): **723**

AEP: **357766**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **36,669.59**

Date Started:

Northing: **5,931,941.00**

Date Completed: **24 Jun 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **42.1**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **41.2** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **27.4** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
22.6	700.0			Clay & Rocks
28.7	693.9			Clay & Gravel
34.8	687.8			Sand & Clay Stringers
37.2	685.3			Gravel
38.4	684.1			Sandstone Gray
41.2	681.4			Shale Gray
41.5	681.1			Coal
42.7	679.8			Shale Gray
46.9	675.6			Shale Gray
48.2	674.4			Sandstone Gray
54.9	667.7			Sandstone & Shale Ledges Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-053-04 W5M**

Well Number **07835**

Well Owner: **Bouchard**

Elevation (AMSL) (m): **738**

AEP: **363007**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **35,617.72**

Date Started: **27 Jan 92**

Northing: **5,932,373.00**

Date Completed: **27 Jan 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): **.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.5** Bottom (m): **15.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): **1.5** to **6.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.6** Bottom (m): **31.1**  
 Perforated How: **Other**  
 from (m): **21.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **9.1** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	730.7	Clay Blue
8.5	729.5	Coal
10.1	727.9	Sandstone
18.9	719.1	Shale Gray
19.5	718.5	Coal
23.2	714.8	Shale Gray
25.3	712.7	Sandstone
26.5	711.5	Shale & Coal Brown
31.1	706.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 12-053-04 W5M**

Well Number **07836**

Well Owner: **Sturts, Henery**

Elevation (AMSL) (m): **738**

AEP: **364905**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **35,617.72**

Date Started: **21 Feb 92**

Northing: **5,932,373.00**

Date Completed: **21 Feb 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **18.9** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **12.8** Bottom (m): **12.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **12.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **18.9**  
 Perforated How: **Other**  
 from (m): **13.7** to **18.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **13.7** Drawdown (m): **12.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	735.9	Clay Yellow
7.3	730.7	Clay Blue
9.8	728.2	Coal
14.6	723.4	Shale Gray
16.5	721.5	Shale & Coal Brown
18.9	719.1	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 12-053-04 W5M**

Well Number **07837**

Well Owner: **Tucks, Henry**

Elevation (AMSL) (m): **738**

AEP: **448934**

Drilling Contractor: *Jalbert Enterprises*

Licence No.:

Easting: **35,617.72**

Date Started:

Northing: **5,932,373.00**

Date Completed: **01 Jun 65**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
24.4	713.6	Clay
29.0	709.0	Clay & Gravel
38.1	699.9	Clay
48.8	689.2	Sandstone Soft
57.9	680.1	Shale
82.3	655.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**16-13-053-04 W5M**

Well Number **07838**

Well Owner: **Alta Env #1769e**

Elevation (AMSL) (m): **782**

AEP: **401643**

Licence No.:

Easting: **36,662.06**

Drilling Contractor: *Alberta Environment*

Date Started: **29 Oct 77**

Northing: **5,934,663.47**

Date Completed: **31 Oct 77**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Combination**  
 Well Use: **Investigation**  
 Completed Depth **44.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	782.0	Clay Sandy Black
1.2	781.1	Clay Sandy Light Brown
3.7	778.6	Clay & Sand Gravelly Light Bro
7.9	774.4	Clay & Sand Sandy Brownish Gra
11.6	770.7	Gravel
12.5	769.8	Coal Black
13.4	768.9	Shale Carbonaceous Black
18.3	764.0	Sandstone Fine Grained Gray
19.5	762.8	Sandstone Very Fine Grained Br
20.4	761.9	Unknown
21.3	761.0	Sandstone Medium Grained
22.6	759.8	Unknown
23.5	758.8	Sandstone Bentonitic
25.3	757.0	Unknown
27.1	755.2	Sandstone Very Fine Grained
27.4	754.9	Unknown
28.0	754.3	Sandstone Very Fine Grained
28.7	753.7	Shale & Sandy Stringers Carbon
29.6	752.7	Unknown
30.8	751.5	Shale Carbonaceous Black
32.0	750.3	Unknown
33.8	748.5	Shale Carbonaceous Black
34.4	747.9	Unknown
35.0	747.3	Shale Carbonaceous Black
35.4	746.9	Shale & Sandy Stringers Benton
35.7	746.6	Siltstone Bentonitic
36.6	745.7	Shale Bentonitic Brownish Gray
37.2	745.1	Siltstone Bentonitic
37.5	744.8	Shale Carbonaceous Black
38.1	744.2	Unknown
39.9	742.4	Shale & Sandy Stringers Carbon
40.2	742.1	Shale & Coal
40.5	741.8	Sandstone Bentonitic Gray
41.2	741.2	Shale & Siltstone Carbonaceous
42.1	740.2	Siltstone & Sandstone Very Fin
42.7	737.8	Unknown
44.5	737.8	Shale & Sandy Stringers Carbon
44.8	737.5	Siltstone Hard Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**16-13-053-04 W5M**

Well Number **07839**

Well Owner: **Alta Env #1770e**

Elevation (AMSL) (m): **785**

AEP: **401647**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **36,771.91**

Date Started: **10 Nov 77**

Northing: **5,934,901.50**

Date Completed: **10 Nov 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **14.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **14.0** Bottom (m): **14.0**  
 OD (mm): **168.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	784.7	Clay Sandy Black
1.2	783.8	Clay Sandy Brownish Green
3.1	782.0	Clay & Sand Sandy Brownish Gre
8.8	776.2	Sand Clayey Brownish Green
12.2	772.8	Gravel
12.5	772.5	Coal Black
14.0	771.0	Shale Carbonaceous Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-13-053-04 W5M

Well Number 07840

Well Owner: **Alta Env #3r1**

Elevation (AMSL) (m): **768**

AEP: **396696**

Drilling Contractor: *Water Resources*

Licence No.:

Easting: **35,418.74**

Date Started:

Northing: **5,933,665.00**

Date Completed: **01 Oct 69**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **19.5** (m)  
 NPWL (m): **1.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.3	767.8	Topsoil Black
3.1	765.1	Clay Brownish Gray
5.5	762.6	Till & Clay Sandy Dark Gray
6.1	762.0	Till & Clay Pebbly
13.4	754.7	Sand Saturated Gray
17.7	750.4	Sand & Gravel Silty Gray
19.5	748.6	Sandstone Weathered Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-13-053-04 W5M

Well Number 07841

Well Owner: **Alta Env #Obs 2**

Elevation (AMSL) (m): **768**

AEP: **396714**

Drilling Contractor: *Water Resources*

Licence No.:

Easting: **35,418.74**

Date Started:

Northing: **5,933,665.00**

Date Completed: **06 Nov 69**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **18.0** (m)  
 NPWL (m): **2.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **18.0**  
 Perforated How:  
 from (m): **15.9** to **18.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	759.0	Till
12.8	755.3	Sand
18.0	750.1	Sand & Gravel

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

16-13-053-04 W5M

Well Number 07842

Well Owner: **Whitewood Mine #C3a**

Elevation (AMSL) (m): **785**

AEP: **396354**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **36,771.91**

Date Started:

Northing: **5,934,901.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.6** (m)  
 NPWL (m): **4.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

16-13-053-04 W5M

Well Number 07843

Well Owner: **Whitewood Mines #C3b**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396357**  
 Easting: **36,771.91**  
 Northing: **5,934,901.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): **4.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



16-13-053-04 W5M

Well Number 07844

Well Owner: **Whitewood Mines #C3c**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396359**  
 Easting: **36,771.91**  
 Northing: **5,934,901.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): **4.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-13-053-04 W5M

Well Number 07845

Well Owner: **Whitewood Mines #C3d**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396365**  
 Easting: **36,771.91**  
 Northing: **5,934,901.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

16-13-053-04 W5M

Well Number 07846

Well Owner: **Whitewood Mines #C3e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396366**  
 Easting: **36,771.91**  
 Northing: **5,934,901.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): **4.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-13-053-04 W5M

Well Number 07847

Well Owner: **Whitewood Mines #C3g**

Elevation (AMSL) (m): **785**

AEP: **396370**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **36,771.91**

Date Started:

Northing: **5,934,901.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **4.9** (m)  
NPWL (m): **2.4** Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

16-13-053-04 W5M

Well Number 07848

Well Owner: **Whitwood Mines #C3f**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396369**  
 Easting: **36,771.91**  
 Northing: **5,934,901.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): **2.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**13-14-053-04 W5M**

Well Number **07849**

Well Owner: **Alta Env #1760e Nest #4**

Elevation (AMSL) (m): **779**

AEP: **401649**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,755.89**

Date Started: **12 Sep 77**

Northing: **5,934,895.50**

Date Completed: **13 Sep 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **23.8** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **23.8**  
 Perforated How: **Machine**  
 from (m): **22.3** to **23.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **3.4** Time (minute): **360.0**  
 Level End (m): **19.8** Drawdown (m): **2.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	776.8			Clay & Coal Sandy Dark Gray
4.3	775.0			Clay & Sand Gravelly Dark Gray
5.5	773.7			Clay & Sand Gravelly Dark Gray
6.7	772.5			Sand & Gravel Clayey Dark Gray
10.4	768.9			Clay Sandy Brownish Green
14.0	765.2			Clay & Sand Gravelly Brownish
17.1	762.2			Clay & Coal Sandy Brownish Gre
18.3	760.9			Clay & Coal Gravelly Brownish
21.9	757.3			Clay & Sand Carbonaceous Brown
23.8	755.5			Coal Black

Laboratory:

**14 Dec 78**

pH (pH unit)	COD	Mercury	
Cond. (µS/cm)	SAR	Nickel	<b>0.02</b>
TDS	TKN	Selenium	
Sodium	Nitrate	Strontium	
Potassium	Nitrite	Molybdenum	
Calcium	TN	Vanadium	
Magnesium	TC	Zinc	<b>0.04</b>
Carbonate	DIC	Hydroxide	
Bicarbonate	Arsenic	Total Hardness	
Aluminum <b>0.05</b>	Barium	Manganese	<b>2.55</b>
Sulphate	Beryllium	Phosphate	
Chloride	Cadium	Ion Balance	
Fluoride	Chromium	Amm. Nitrogen	
Iron	Cobalt	Total Phosphate	
TOC	Copper <b>0.03</b>	Total Alkalinity	
Silica	Lead	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-14-053-04 W5M

Well Number 07850

Well Owner: **Alta Env #1760e Nest 4**

Elevation (AMSL) (m): **779**

AEP: **401648**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,755.89**

Date Started:

Northing: **5,934,895.50**

Date Completed: **08 Sep 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
0.6	778.6	Gravel Sandy Dark Gray
4.9	774.3	Sand & Gravel Dark Gray
6.1	773.1	Clay & Sand Gravelly Brownish
11.3	767.9	Clay Sandy Brownish Green
15.9	763.4	Shale & Coal Sandy
23.2	756.1	Coal Black
24.4	754.8	Shale & Coal Black
30.5	748.7	Shale Bentonitic Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-14-053-04 W5M

Well Number 07851

Well Owner: **Whitewood Mines #4a**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **779**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396414**  
 Easting: **33,755.89**  
 Northing: **5,934,895.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **21.9** (m)  
 NPWL (m): **17.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **720.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-14-053-04 W5M

Well Number 07852

Well Owner: **Whitewood Mines #4c**

Elevation (AMSL) (m): **779**

AEP: **396428**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,755.89**

Date Started:

Northing: **5,934,895.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **16.5** (m)  
 NPWL (m): **13.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

14-14-053-04 W5M

Well Number 07853

Well Owner: **Whitewood Mines #A4**

Elevation (AMSL) (m): **784**

AEP: **396588**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **34,178.09**

Date Started:

Northing: **5,934,886.00**

Date Completed: **31 May 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	782.5	Clay & Coal
1.5	782.2	Sand Clayey
3.1	780.7	Clay & Sand Sandy
4.6	779.2	Unknown
7.6	776.1	Clay Carbonaceous
8.8	774.9	Coal
9.8	774.0	Clay Sandy
10.4	773.4	Silt Bentonitic
11.3	772.4	Shale & Coal Carbonaceous
12.2	771.5	Coal Shaly

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-14-053-04 W5M

Well Number 07854

Well Owner: Whitwood Mines #4b

Elevation (AMSL) (m): 779

AEP: 396417

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,755.89

Date Started:

Northing: 5,934,895.50

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **19.2** (m)  
NPWL (m): **18.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **720.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

(No Lithologic Information Available)

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

**10-15-053-04 W5M**

Well Number **07855**

Well Owner: **Alt Aenv #1764e(Well#5)**

Elevation (AMSL) (m): **774**

AEP: **401652**

Licence No.:

Easting: **33,008.66**

Drilling Contractor: *Alberta Environment*

Date Started: **14 Oct 77**

Northing: **5,934,398.00**

Date Completed: **15 Oct 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **23.2** (m)  
 NPWL (m): **16.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **20.4**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **23.2**  
 Perforated How: **Machine**  
 from (m): **21.6** to **23.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **520.0**  
 Level End (m): **18.3** Drawdown (m): **1.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	770.8	Clay Sandy Brownish Yellow
4.9	769.2	Clay Sandy Brownish Yellow
5.2	768.9	Gravel
6.1	768.0	Clay & Coal Wapiti Brownish Gr
12.2	761.9	Clay & Coal Sandy Brownish Gre
18.3	755.8	Clay & Coal Sandy Brownish Gre
19.2	754.9	Clay Sandy Green
19.8	754.3	Coal Black
21.0	753.1	Shale Carbonaceous Dark Brown
22.9	751.2	Coal Black
23.2	750.9	Shale Carbonaceous Dark Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-15-053-04 W5M

Well Number 07856

Well Owner: **Alta Env #1761e**

Elevation (AMSL) (m): **774**

AEP: **401654**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.61**

Date Started:

Northing: **5,934,186.50**

Date Completed: **14 Sep 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **28.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	770.0	Clay Sandy Brownish Green
8.8	765.2	Clay & Sand Stoney Brownish Ye
9.1	764.9	Gravel
12.2	761.8	Clay & Sand Stoney Brownish Ye
17.7	756.3	Clay Sandy Brownish Yellow
24.4	749.6	Clay & Sand Stoney Brownish Ye
25.6	748.4	Bentonite White
28.0	746.0	Coal Black

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-15-053-04 W5M

Well Number 07857

Well Owner: Alta Env #1761e (A)

Elevation (AMSL) (m): 774

AEP: 401655

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,003.61

Date Started:

Northing: 5,934,186.50

Date Completed: 14 Sep 77

**General:**

Type of Work: **Test Hole**

Drilling Method: **Unknown**

Well Use: **Investigation**

Completed Depth **27.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day

Gamma Log: **Yes** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

07-15-053-04 W5M

Well Number 07858

Well Owner: **Alta Env #1763e(Nest 7), 311**

Elevation (AMSL) (m): **774**

AEP: **401653**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.61**

Date Started:

Northing: **5,934,186.50**

Date Completed: **29 Sep 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **152.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Cement** **29 Sep 77**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
3.1	771.0	Clay Sandy Brownish Green
6.1	767.9	Clay & Coal Sandy Brownish Gre
12.2	761.8	Clay Sandy Brownish Green
23.8	750.2	Clay Sandy Brownish Green
33.8	740.2	Coal Black
35.4	738.6	Shale Carbonaceous Dark Brown
36.6	737.4	Sandstone Bentonitic Gray
45.4	728.6	Sandstone Gray
46.9	727.1	Shale Green
48.2	725.8	Shale Carbonaceous Dark Brown
51.2	722.8	Sandstone Bentonitic Gray
52.4	721.6	Coal Black
57.6	716.4	Shale Black
59.4	714.6	Sandstone Bentonitic Light Gra
60.4	713.7	Shale Gray
61.0	713.0	Sandstone Black
65.8	708.2	Sandstone Medium Grained Black
66.4	707.6	Shale Light Green
67.1	707.0	Sandstone Medium Grained Bluis
67.7	706.3	Sandstone Bluish Green
68.3	705.7	Coal Black
69.5	704.5	Shale Soft Greenish Gray
71.3	702.7	Sandstone Medium Grained Light
71.9	702.1	Siltstone Hard Black
72.5	701.5	Shale Light Gray
74.1	699.9	Shale Carbonaceous
74.7	699.3	Sandstone Very Fine Grained Li
75.9	698.1	Shale Carbonaceous Dark Gray
76.5	697.5	Coal Black
77.4	696.6	Shale Soft Black
78.0	696.0	Shale Carbonaceous Dark Gray
79.8	694.2	Shale Light Gray
80.5	693.5	Shale Carbonaceous Black
80.8	693.2	Coal Black
82.0	692.0	Shale Light Gray
82.6	689.6	Shale & Coal Black
84.4	689.6	Shale Gray
85.3	688.7	Sandstone Medium Grained Light
88.7	685.3	Shale Very Fine Grained Light
89.3	684.7	Sandstone Light Gray
89.9	684.1	Bentonite Light Gray
90.5	683.5	Shale & Coal Black
91.1	683.5	Sandstone Medium Grained Light
91.7	682.3	Coal Black
93.6	680.4	Shale Soft Light Gray
94.8	679.2	Sandstone Very Fine Grained Li

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

10-15-053-04 W5M

Well Number 07859

Well Owner: **Alta Env #1764e (A) Nest 5**

Elevation (AMSL) (m): **774**

AEP: **401651**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,008.66**

Date Started:

Northing: **5,934,398.00**

Date Completed: **12 Oct 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **20.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	773.2	Clay & Coal Silty Dark Gray
3.1	771.1	Clay & Coal Sandy Brownish Gre
3.7	770.4	Coal Black
4.6	769.5	Clay & Coal Sandy Brownish Gre
7.9	766.2	Sand & Gravel Medium Grained
8.2	765.9	Clay Sandy Brownish Green
10.1	764.0	Sand & Gravel Clayey
12.2	761.9	Clay & Sand Pebbly Dark Brown
20.4	753.7	Lost Circulation Pebbly

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



10-15-053-04 W5M

Well Number 07860

Well Owner: **Alta Env #1764e(Nest 5)**

Elevation (AMSL) (m): **774**

AEP: **401656**

Licence No.:

Easting: **33,008.66**

Drilling Contractor: *Alberta Environment*

Date Started:

Northing: **5,934,398.00**

Date Completed: **30 Sep 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	771.7	Clay & Coal Sandy Black
3.7	770.4	Coal
4.0	770.1	Sand
6.1	768.0	Sand & Coal Medium Grained Dar
8.8	765.3	Sand & Coal Medium Grained Bla
9.4	764.7	Sand & Gravel
12.2	761.9	Clay & Coal Sandy Brownish Gre
14.9	759.2	Clay & Sand Medium Grained Lig
15.2	758.9	Gravel Fine Grained
17.1	757.0	Clay Sandy Brownish Yellow
18.3	755.8	Clay & Shale Sandy Light Green
19.5	754.6	Shale Carbonaceous Dark Gray
22.6	751.6	Coal Black
24.4	749.7	Shale Carbonaceous Dark Brown
27.7	746.4	Shale Blue Gray
28.7	745.5	Shale Gray
30.5	743.6	Sandstone Very Fine Grained Li

Laboratory: **18 Jan 78**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1058</b>	SAR	Nickel
TDS	<b>644.0</b>	TKN	<b>0.01</b>
Sodium	<b>57.96</b>	Nitrate	<b>0.01</b>
Potassium	<b>18.77</b>	Nitrite	Molybdenum
Calcium	<b>131.06</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	<b>109.0</b>
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.17</b>	Arsenic	Total Hardness <b>454.00</b>
Aluminum		Barium	Manganese <b>0.35</b>
Sulphate	<b>124.88</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.11</b>	Chromium	Amm. Nitrogen
Iron	<b>0.47</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>465.0</b>
Silica	<b>26.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

02-15-053-04 W5M

Well Number 07861

Well Owner: **Alta Env #1765e (Nest #6)**

Elevation (AMSL) (m): **779**

AEP: **401727**

Licence No.:

Easting: **33,001.41**

Drilling Contractor: *Alberta Environment*

Date Started: **01 Oct 77**

Northing: **5,933,424.79**

Date Completed: **01 Oct 77**

**General:**

Type of Work: **Coal Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.2	777.9	Coal	Dark Brown
4.0	775.1	Clay	Sandy Greenish Gray
5.5	773.6	Clay	
7.0	772.1	Gravel	
10.7	768.4	Clay	Sandy Greenish Gray
11.0	768.1	Gravel	
11.9	767.2	Clay	Sandy Greenish Gray
12.2	766.9	Coal	Black
16.5	762.6	Clay	
17.1	762.0	Gravel	
18.6	760.5	Clay	Sandy Greenish Gray
20.4	758.7	Coal	Black
21.3	757.8	Shale	Carbonaceous Brown
22.6	756.5	Coal	Black
24.4	754.7	Shale	Carbonaceous Brown
29.3	749.8	Shale	Gray
30.5	748.6	Sandstone	Bentonitic Light Gra

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

02-15-053-04 W5M

Well Number 07862

Well Owner: **Alta Env #1765e(A) (Well#6)**

Elevation (AMSL) (m): **779**

AEP: **401729**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,001.41**

Date Started: **13 Oct 77**

Northing: **5,933,424.79**

Date Completed: **15 Oct 77**

**General:**

Type of Work: **Coal Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **22.3** (m)  
 NPWL (m): **12.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **19.5** Bottom (m): **19.5**  
 OD (mm): **168.4** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **19.5**

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **22.3**  
 Perforated How: **Machine**  
 from (m): **20.7** to **22.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	775.4	Clay Sandy Brown
4.3	774.8	Coal Black
11.9	767.2	Clay Sandy Brown
12.2	766.9	Gravel
18.6	760.5	Clay Sandy Brownish Yellow
20.7	758.4	Shale Carbonaceous Brown
21.9	757.1	Shale Black
22.3	756.8	Shale Carbonaceous Brown

Laboratory:

18 Jan 78

pH (pH unit)	7.60	COD	Mercury
Cond. (µS/cm)	827.0	SAR	Nickel
TDS	475.0	TKN	0.01
Sodium	14.95	Nitrate	0.01
Potassium	3.52	Nitrite	Molybdenum
Calcium	123.05	TN	Vanadium
Magnesium	33.08	TC	94.00
Carbonate		DIC	Hydroxide
Bicarbonate	508.82	Arsenic	Total Hardness
Aluminum		Barium	0.30
Sulphate	48.03	Beryllium	Phosphate
Chloride	2.13	Cadium	Ion Balance
Fluoride	0.11	Chromium	1.02
Iron	0.16	Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	25.20	Lead	Total Alkalinity
			418.0
			Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

07-15-053-04 W5M

Well Number 07863

Well Owner: Alta Env #1766e (Well#7)

Elevation (AMSL) (m): 774

AEP: 401650

Licence No.:

Easting: 33,003.61

Drilling Contractor: Alberta Environment

Date Started: 02 Oct 77

Northing: 5,934,186.50

Date Completed: 02 Oct 77

**General:**

Type of Work: **New Well**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **28.0** (m)  
NPWL (m): **18.0** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **25.6** Bottom (m): **25.6**  
OD (mm): **168.2** Thickness (mm):  
Seal Type: **Cement/Grout**  
from (m): to **25.6**

**Liner:**

Type:  
OD (mm): **101.6** Thickness (mm):  
Top (m): Bottom (m): **28.0**  
Perforated How: **Machine**  
from (m): **25.6** to **28.0** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **23.5**

**Testing:**

Rate (lpm): **9.1** Time (minute): **440.0**  
Level End (m): **23.8** Drawdown (m): **5.5**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	773.1	Clay & Coal Sandy Brownish Gre
8.8	765.2	Clay Sandy Brownish Green
15.2	758.8	Clay & Coal Sandy Brownish Gre
23.8	750.2	Clay & Coal Sandy Black
25.3	748.7	Shale & Coal Black
25.6	748.4	Shale Carbonaceous Dark Brown
27.4	746.6	Coal Black
28.0	746.0	Shale Carbonaceous Dark Brown

Laboratory: **01 Nov 78**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum <b>0.02</b>	Barium	Manganese <b>0.33</b>
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-15-053-04 W5M

Well Number 07864

Well Owner: **Whitewood Mine #5a**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **774**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396408**  
 Easting: **33,008.66**  
 Northing: **5,934,398.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **11.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-15-053-04 W5M

Well Number 07865

Well Owner: Whitewood Mines #5b

Elevation (AMSL) (m): 774

AEP: 396410

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,008.66

Date Started:

Northing: 5,934,398.00

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **14.0** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

02-15-053-04 W5M

Well Number 07866

Well Owner: **Whitewood Mines #6a**

Elevation (AMSL) (m): **772**

AEP: **396375**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,974.97**

Date Started:

Northing: **5,933,608.50**

Date Completed: **08 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **16.8** (m)  
 NPWL (m): **12.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **360.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	769.4	Coal Clayey Black
6.1	766.3	Clay Carbonaceous Dark Gray
7.6	764.8	Sand & Gravel
9.1	763.3	Sand Argillaceous Dark Gray
10.7	761.7	Sand Argillaceous Black
13.7	758.7	Clay & Sand Argillaceous Black
15.2	757.2	Clay & Sand Argillaceous
16.8	755.7	Clay & Sand Argillaceous Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-15-053-04 W5M

Well Number 07867

Well Owner: **Whitewood Mines #6b**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396378**  
 Easting: **32,974.97**  
 Northing: **5,933,608.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **78.3** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): **12.2** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **17 Dec 71**

pH (pH unit)	COD	Mercury
Cond. (µS/cm) <b>1440</b>	SAR	Nickel
TDS <b>1444</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite <b>0.08</b>	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>20.00</b>
Aluminum	Barium	Manganese
Sulphate <b>276.17</b>	Beryllium	Phosphate
Chloride <b>9.93</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>3.94</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>781.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



02-15-053-04 W5M

Well Number 07868

Well Owner: **Whitewood Mines #6c**

Elevation (AMSL) (m): **772**

AEP: **396384**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,974.97**

Date Started:

Northing: **5,933,608.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **20.1** (m)  
NPWL (m): **12.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **630.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

07-15-053-04 W5M

Well Number 07869

Well Owner: **Whitewood Mines #7a**

Elevation (AMSL) (m): **774**

AEP: **396394**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.61**

Date Started:

Northing: **5,934,186.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **25.6** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **320.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

07-15-053-04 W5M

Well Number 07870

Well Owner: **Whitewood Mines #7b**

Elevation (AMSL) (m): **774**

AEP: **396400**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.61**

Date Started:

Northing: **5,934,186.50**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **18.9** (m)  
NPWL (m): **17.5** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

07-15-053-04 W5M

Well Number 07871

Well Owner: **Whitewood Mines #A11**

Elevation (AMSL) (m): **774**

AEP: **396630**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.61**

Date Started:

Northing: **5,934,186.50**

Date Completed: **24 Jul 77**

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Auger**  
Well Use: **Investigation**  
Completed Depth **15.2** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	772.5	Sand Medium Grained Gray
3.1	771.0	Sand Medium Grained Brownish G
5.5	768.5	Sand Medium Grained Brownish G
5.8	768.2	Clay Moist Brownish Gray
8.2	765.8	Clay Carbonaceous Dark Gray
9.1	764.9	Sand Fine Grained Greenish Gra
9.8	764.3	Clay & Sand Carbonaceous Dark
13.7	760.3	Sand & Gravel Medium Grained L
14.6	759.4	Sand Bentonitic Light Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-15-053-04 W5M

Well Number 07872

Well Owner: **Whitewood Mines #A6**

Elevation (AMSL) (m): **774**

AEP: **396591**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,008.66**

Date Started:

Northing: **5,934,398.00**

Date Completed: **22 Jul 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth: **16.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	772.9	Clay Carbonaceous Greenish Gra
3.7	770.4	Sand Clayey Greenish Yellow
4.0	770.1	Coal
6.7	767.4	Sand Greenish Yellow
13.7	760.4	Sand & Till Gravelly Greenish
14.3	759.8	Clay & Sand Sandy Greenish Gra
15.2	758.9	Sand & Till Gravelly Greenish
16.1	758.0	Siltstone Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-15-053-04 W5M

Well Number 07873

Well Owner: **Whitewood Mines #A7**

Elevation (AMSL) (m): **787**

AEP: **396597**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.77**

Date Started:

Northing: **5,934,808.50**

Date Completed: **22 Jul 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.3	786.3	Shale Dark Gray
1.5	785.0	Sand Gray
2.4	784.1	Clay & Coal Sandy Black
3.1	783.5	Sand Gray
4.6	782.0	Clay Sandy Greenish Gray
9.1	777.4	Till & Clay Sandy Greenish Gra

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-15-053-04 W5M

Well Number 07874

Well Owner: **Whitewood Mines #A8**

Elevation (AMSL) (m): **787**

AEP: **396620**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.77**

Date Started:

Northing: **5,934,808.50**

Date Completed: **23 Jul 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	785.0			Clay & Shale Carbonaceous Blac
3.1	783.5			Sand & Coal Brownish Yellow
4.6	782.0			Sand Clayey Brownish Yellow
7.6	778.9			Sand Brownish Gray
9.1	777.4			Sand & Coal Dark Gray
10.4	776.2			Sand Clayey Brownish Gray
10.7	775.9			Clay & Coal Sandy Dark Gray
12.2	774.4			Sand Clayey Dark Brown
15.2	771.3			Till & Clay Sandy

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

10-15-053-04 W5M

Well Number 07875

Well Owner: Whitwood Mines #5c

Elevation (AMSL) (m): 774

AEP: 396411

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,008.66

Date Started:

Northing: 5,934,398.00

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **19.5** (m)  
NPWL (m): **16.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **500.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>



07-15-053-04 W5M

Well Number 07876

Well Owner: Whitwood Mines #7b1

Elevation (AMSL) (m): 774

AEP: 396401

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,003.61

Date Started:

Northing: 5,934,186.50

Date Completed:

**General:**

Type of Work: **Test Hole**

Drilling Method: **Unknown**

Well Use: **Investigation**

Completed Depth **9.8** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type: **Plastic**

Depth (m): Bottom (m):

OD (mm): **50.8** Thickness (mm):

Seal Type:  
from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (AMSL)

(m) (m)

**Lithologic Description**

(No Lithologic Information Available)

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

07-15-053-04 W5M

Well Number 07877

Well Owner: Whitwood Mines #7c

Elevation (AMSL) (m): 774

AEP: 396403

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 33,003.61

Date Started:

Northing: 5,934,186.50

Date Completed:

**General:**

Type of Work: **Test Hole**

Drilling Method: **Unknown**

Well Use: **Investigation**

Completed Depth **23.2** (m)

NPWL (m): **18.0** Verified NPWL (m):

Abandonment:

**Casing:**

Type: **Plastic**

Depth (m): Bottom (m):

OD (mm): **50.8** Thickness (mm):

Seal Type:  
from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **440.0**

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 15-053-04 W5M**

Well Number **07878**

Well Owner: **Monenco Trans-Alta Utilities**

Elevation (AMSL) (m): **780**

AEP: **351062**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **33,208.18**

Date Started: **30 Oct 89**

Northing: **5,934,618.50**

Date Completed: **30 Oct 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **10.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **21.3** Bottom (m): **21.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.0** Bottom (m): **45.7**  
 Perforated How: **Torch**  
 from (m): **21.3** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **35.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **114.0**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	774.6	Sand
13.7	766.4	Clay
15.5	764.6	Clay
17.1	763.0	Coal
17.4	762.7	Shale Brown
20.7	759.4	Coal
21.6	758.5	Shale Soft Gray
21.9	758.2	Coal
22.6	757.6	Shale Brown
24.1	756.0	Coal
24.4	755.7	Shale Brown
25.6	754.5	Coal
26.8	753.3	Shale Brown
27.4	752.7	Coal
29.0	751.2	Shale Green
32.3	747.8	Siltstone
37.5	742.6	Shale Gray
38.1	742.0	Sandstone
38.7	741.4	Shale Bentonitic
39.9	740.2	Shale Gray
45.4	734.7	Shale Gray
45.7	734.4	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-04 W5M**

Well Number **07879**

Well Owner: **Whitewood Mines #A10**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed: **23 Jul 77**  
 AEP: **396627**  
 Easting: **33,214.07**  
 Northing: **5,933,803.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	773.4	Clay & Coal Sandy Black
4.3	772.2	Sand Clayey Brownish Gray
6.1	770.4	Sand Clayey Greenish Gray
7.9	768.6	Sand Clayey Brownish Gray
8.8	767.6	Sand Brownish Green
9.1	767.3	Coal Black
10.7	765.8	Sand Brownish Gray
12.2	764.3	Sand & Coal Clayey Brownish Gr
14.9	761.5	Sand & Coal Black
15.2	761.2	Sand Greenish Gray
15.9	760.6	Clay Black
16.8	759.7	Sand Greenish Gray
18.3	758.2	Clay Sandy Greenish Gray
19.5	757.0	Clay & Coal Sandy Dark Gray
20.4	756.1	Organic Matter Light Red
22.3	754.2	Clay & Coal Black
22.9	753.6	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-04 W5M**

Well Number **07880**

Well Owner: **Whitewood Mines #A12**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **776**      AEP: **396631**  
 Licence No.:                              Easting: **33,214.07**  
 Date Started:                              Northing: **5,933,803.00**  
 Date Completed: **24 Jul 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **22.9** (m)  
 NPWL (m):                              Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                              Bottom (m):  
 OD (mm):                              Thickness (mm):  
 Seal Type:  
 from (m):                              to

**Liner:**  
 Type:  
 OD (mm):                              Thickness (mm):  
 Top (m):                              Bottom (m):  
 Perforated How:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                              to                              Size:  
 from (m):                              to                              Size:

**Open Hole:**  
 from (m):                              to

**Pump:**  
 Model:    Intake (m):

**Testing:**  
 Rate (lpm):                              Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	775.0	Sand Medium Grained Brownish G
6.1	770.4	Sand & Gravel Medium Grained B
8.5	767.9	Sand Medium Grained Brownish G
10.7	765.8	Sand Fine Grained Greenish Gra
11.0	765.5	Sand Clayey Greenish Gray
11.6	764.9	Sand Oxidized Brownish Green
12.5	764.0	Clay & Coal Black
16.1	760.3	Sand Medium Grained Brownish G
17.7	758.8	Sand & Till Clayey Dark Brown
18.0	758.5	Sand & Gravel Coarse Grained B
19.8	756.7	Sand & Gravel Clayey Dark Brow
20.4	756.1	Sand Clayey Dark Brown
21.0	755.4	Sand Medium Grained Brownish G
21.3	755.1	Sand Clayey Dark Brown
22.9	753.6	Till & Clay Sandy Dark Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                              Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-053-04 W5M**

Well Number **07881**

Well Owner: **Whitewood Mines #A13**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **776**      AEP: **396632**  
 Licence No.:                      Easting: **33,214.07**  
 Date Started:                      Northing: **5,933,803.00**  
 Date Completed: **25 Jul 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth: **10.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	775.0	Sand & Gravel Coarse Grained D
4.6	771.9	Clay & Coal Black
6.1	770.4	Clay & Coal Sandy Black
9.4	767.0	Clay & Coal Black
10.7	765.8	Clay Bentonitic Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-053-04 W5M**

Well Number **07882**

Well Owner: **Whitewood Mines #A15**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed: **26 Jul 77**  
 AEP: **396633**  
 Easting: **33,214.07**  
 Northing: **5,933,803.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	775.0	Clay & Sand Fine Grained Green
3.1	773.4	Sand Clayey Black
6.1	770.4	Sand Clayey Gray
7.6	768.9	Sand Clayey Black
10.7	765.8	Sand Clayey Dark Gray
12.8	763.7	Clay & Coal Carbonaceous Black
13.4	763.1	Sand Clayey Greenish Gray
13.7	762.8	Clay & Coal Moist Black
14.9	761.5	Clay & Coal Sandy Black
15.2	761.2	Coal Black
22.9	753.6	Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-04 W5M**

Well Number **07883**

Well Owner: **Whitewood Mines #A9**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396623**  
 Easting: **33,214.07**  
 Northing: **5,933,803.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth: **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	775.3	Clay & Coal Brownish Gray
3.1	773.4	Clay Sandy Brownish Gray
4.6	771.9	Clay Sandy Brown
6.1	770.4	Clay & Sand Sandy Light Brown
7.6	768.9	Sand Brown
9.1	767.3	Clay Sandy Brownish Gray
10.7	765.8	Clay Sandy Dark Gray
14.3	762.2	Clay & Coal Sandy Dark Gray
15.2	761.2	Till & Clay Sandy Brown
18.0	758.5	Clay & Coal Sandy Black
18.6	757.9	Sand Clayey Brown
19.8	756.7	Coal Shaly Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-16-053-04 W5M

Well Number 07884

Well Owner: **Alta Env #1767e(Core Site #1)**

Elevation (AMSL) (m): **792**

AEP: **401657**

Licence No.:

Easting: **30,566.63**

Drilling Contractor: *Alberta Environment*

Date Started:

Northing: **5,934,805.50**

Date Completed: **24 Oct 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Combination**  
 Well Use: **Investigation**  
 Completed Depth **29.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.6	791.0			Clay & Sand Coarse Grained Bro
2.4	789.1			Clay Sandy Brownish Green
5.2	786.4			Clay Sandy Brownish Green
8.8	782.7			Gravel
10.7	780.9			Sandstone Brownish Yellow
12.8	778.8			Sandstone Coarse Grained Brown
14.0	777.6			Unknown
17.4	774.2			Sandstone Coarse Grained Brown
25.6	766.0			Unknown
29.6	762.0			Sandstone Coarse Grained Light

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-16-053-04 W5M

Well Number 07885

Well Owner: **Unknown**

Elevation (AMSL) (m): **790**

AEP: **443854**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **30,563.57**

Date Started:

Northing: **5,934,603.57**

Date Completed:

**General:**

Type of Work: **Piezometer**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **17 Aug 78**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>535.0</b>	SAR	Nickel
TDS	<b>9.00</b>	TKN	Selenium
Sodium	<b>5.98</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>63.93</b>	TN	Vanadium
Magnesium	<b>30.04</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>358.74</b>	Arsenic	Total Hardness <b>285.00</b>
Aluminum		Barium	Manganese <b>0.35</b>
Sulphate		Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>0.33</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>295.0</b>
Silica	<b>18.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-16-053-04 W5M

Well Number 07886

Well Owner: **Unknown**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443855**  
 Easting: **30,563.57**  
 Northing: **5,934,603.57**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **15 Aug 78**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>719.0</b>	SAR	Nickel
TDS	<b>382.0</b>	TKN	<b>0.01</b>
Sodium	<b>13.11</b>	Nitrate	Strontium
Potassium	<b>19.16</b>	Nitrite	Molybdenum
Calcium	<b>92.99</b>	TN	Vanadium
Magnesium	<b>27.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>400.84</b>	Arsenic	Total Hardness <b>343.00</b>
Aluminum		Barium	Manganese <b>0.26</b>
Sulphate	<b>24.98</b>	Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance <b>1.08</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>0.95</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>329.0</b>
Silica	<b>25.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-16-053-04 W5M

Well Number 07887

Well Owner: **Unknown**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443856**  
 Easting: **30,563.57**  
 Northing: **5,934,603.57**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Jul 78**

pH (pH unit)	<b>10.6</b>	COD	Mercury
Cond. (µS/cm)	<b>349.0</b>	SAR	Nickel
TDS	<b>181.0</b>	TKN	Selenium
Sodium	<b>19.09</b>	Nitrate	Strontium
Potassium	<b>5403.62</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc <b>0.35</b>
Carbonate	<b>53.10</b>	DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>6.00</b>
Aluminum	<b>0.13</b>	Barium	Manganese
Sulphate	<b>40.83</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.80</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>0.15</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>104.0</b>
Silica	<b>11.30</b>	Lead	Nitrate&Nitrite N
			<b>0.01</b>

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-16-053-04 W5M

Well Number 07888

Well Owner: **Unknown**

Elevation (AMSL) (m): **790**

AEP: **443853**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **30,563.57**

Date Started:

Northing: **5,934,603.57**

Date Completed:

**General:**

Type of Work: **Piezometer**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth (m):  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

**18 Jul 78**

pH (pH unit)	<b>7.55</b>	COD	Mercury	
Cond. (µS/cm)	<b>67.00</b>	SAR	Nickel	<b>0.01</b>
TDS	<b>318.0</b>	TKN	Selenium	
Sodium	<b>28.98</b>	Nitrate	Strontium	
Potassium	<b>5.87</b>	Nitrite	Molybdenum	
Calcium	<b>62.93</b>	TN	Vanadium	
Magnesium	<b>21.04</b>	TC	Zinc	<b>0.04</b>
Carbonate		DIC	Hydroxide	
Bicarbonate	<b>314.81</b>	Arsenic	Total Hardness	<b>243.00</b>
Aluminum	<b>0.08</b>	Barium	Manganese	<b>0.43</b>
Sulphate	<b>40.83</b>	Beryllium	Phosphate	
Chloride	<b>2.13</b>	Cadium	Ion Balance	<b>1.02</b>
Fluoride	<b>0.17</b>	Chromium	Amm. Nitrogen	
Iron	<b>0.18</b>	Cobalt	Total Phosphate	
TOC		Copper	Total Alkalinity	<b>259.0</b>
Silica	<b>13.70</b>	Lead	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-16-053-04 W5M

Well Number 07889

Well Owner: **Unknown**

Elevation (AMSL) (m): **790**

AEP: **443852**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **30,563.57**

Date Started:

Northing: **5,934,603.57**

Date Completed:

**General:**

Type of Work: **Piezometer**  
Drilling Method: **Auger**  
Well Use: **Investigation**  
Completed Depth **3.1** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): **50.8** Thickness (mm):  
Top (m): Bottom (m): **3.1**  
Perforated How:  
from (m): **2.1** to **3.1** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

**19 Jul 78**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>979.0</b>	SAR	Nickel
TDS		TKN	Selenium
Sodium	<b>23.00</b>	Nitrate	Strontium
Potassium	<b>4.69</b>	Nitrite	Molybdenum
Calcium	<b>102.00</b>	TN	Vanadium
Magnesium	<b>31.01</b>	TC	Zinc
Carbonate	<b>284.10</b>	DIC	Hydroxide
Bicarbonate	<b>702.84</b>	Arsenic	Total Hardness <b>383.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>38.90</b>	Beryllium	Phosphate
Chloride	<b>29.07</b>	Cadium	Ion Balance
Fluoride	<b>0.15</b>	Chromium	Amm. Nitrogen
Iron	<b>9.03</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>576.0</b>
Silica	<b>14.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

13-16-053-04 W5M

Well Number 07890

Well Owner: **Unknown**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443850**  
 Easting: **30,563.57**  
 Northing: **5,934,603.57**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **42.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **41.8**  
 Perforated How:  
 from (m): **40.2** to **41.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>714.0</b>	SAR	Nickel
TDS	<b>415.0</b>	TKN	Selenium
Sodium	<b>83.03</b>	Nitrate	Strontium
Potassium	<b>19.16</b>	Nitrite	Molybdenum
Calcium	<b>54.91</b>	TN	Vanadium
Magnesium	<b>13.98</b>	TC	Zinc <b>0.06</b>
Carbonate		DIC	Hydroxide
Bicarbonate	<b>456.96</b>	Arsenic	Total Hardness <b>194.00</b>
Aluminum	<b>0.03</b>	Barium	Manganese <b>0.11</b>
Sulphate	<b>17.77</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	<b>0.08</b>	Chromium	<b>0.01</b>
Iron		Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	<b>22.20</b>	Lead	Total Alkalinity <b>375.0</b>
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 16-053-04 W5M**

Well Number **07891**

Well Owner: **C Centre Gas Station**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **793**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365265**  
 Easting: **30,436.21**  
 Northing: **5,934,375.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NW 16-053-04 W5M**

Well Number **07892**

Well Owner: **Fording Coal Hole #5 Well #2**

Elevation (AMSL) (m): **793**

AEP: **350351**

Licence No.:

Easting: **30,436.21**

Drilling Contractor: *Summer'S Drilling Ltd.*

Date Started: **05 Apr 89**

Northing: **5,934,375.00**

Date Completed: **05 Apr 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth **42.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.6**                      Bottom (m): **11.6**  
 OD (mm): **635.0**                      Thickness (mm): **0.0**  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)                      Lithologic Description**  
 42.1 751.1 Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-053-04 W5M**

Well Number **07893**

Well Owner: **Fording Coal Well #1 Hole #4**

Elevation (AMSL) (m): **793**

AEP: **350350**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **30,436.21**

Date Started: **04 Apr 89**

Northing: **5,934,375.00**

Date Completed: **04 Apr 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth: **42.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.6**                      Bottom (m): **11.6**  
 OD (mm): **635.0**                      Thickness (mm): **0.0**  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
33.2	759.9	Coal
33.5	759.6	Bentonite
35.0	758.1	Coal
35.4	757.8	Bentonite
36.6	756.6	Coal
36.9	756.3	Bentonite
38.1	755.1	Coal
38.7	754.5	Shale Brown
39.6	753.5	Coal Brown
40.5	752.6	Coal
41.2	752.0	Shale & Coal Brown
42.1	751.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-04 W5M**

Well Number **07894**

Well Owner: **Fording Coal Well #3 Hole #6**

Elevation (AMSL) (m): **793**

AEP: **350110**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **30,436.21**

Date Started: **06 Apr 89**

Northing: **5,934,375.00**

Date Completed: **06 Apr 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth: **42.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
41.2	752.0			Unknown
42.4	750.8			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 16-053-04 W5M**

Well Number **07895**

Well Owner: **Fording Coal Well #4 Hole #1**

Elevation (AMSL) (m): **793**

AEP: **350111**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **30,436.21**

Date Started: **16 Mar 89**

Northing: **5,934,375.00**

Date Completed: **16 Mar 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth **41.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.0** Bottom (m): **11.0**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
33.2	759.9	Coal
33.5	759.6	Bentonite
35.0	758.1	Coal
35.4	757.8	Bentonite
36.6	756.6	Coal
36.9	756.3	Bentonite
37.8	755.4	Coal
38.4	754.8	Shale Brown
39.3	753.8	Coal Brown
40.5	752.6	Coal
41.2	752.0	Shale & Coal Brown
41.5	751.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-04 W5M**

Well Number **07896**

Well Owner: **Fording Coal Well #6 Hole #3**

Elevation (AMSL) (m): **793**

AEP: **350113**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **30,436.21**

Date Started: **20 Mar 89**

Northing: **5,934,375.00**

Date Completed: **20 Mar 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth: **44.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **13.7**                      Bottom (m): **13.7**  
 OD (mm): **635.0**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
42.1	751.1			Fill
44.2	749.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NW 16-053-04 W5M**

Well Number **07897**

Well Owner: **Fording Coal Well #6 Hole #5**

Elevation (AMSL) (m): **793**

AEP: **350112**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **30,436.21**

Date Started: **17 Mar 89**

Northing: **5,934,375.00**

Date Completed: **17 Mar 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Dewatering**  
 Completed Depth **44.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
33.2	759.9	Coal
33.5	759.6	Bentonite
35.0	758.1	Coal
35.4	757.8	Bentonite
36.9	756.3	Coal
37.2	756.0	Bentonite
38.1	755.1	Coal
38.7	754.5	Shale Brown
39.9	753.2	Coal Brown
40.5	752.6	Coal
41.5	751.7	Shale Brown
42.1	751.1	Coal
44.2	749.0	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 16-053-04 W5M**

Well Number **07898**

Well Owner: **Whitewood Mines #A2**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **792**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396581**  
 Easting: **31,461.29**  
 Northing: **5,933,828.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth: **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	790.6	Sand Clayey Dark Green
3.1	789.4	Sand & Coal Clayey Black
3.7	788.8	Sand Clayey Dark Green
4.6	787.9	Sand & Coal
6.1	786.3	Clay & Coal
9.1	783.3	Sand & Coal Clayey Dark Green
10.4	782.1	Clay & Coal
10.7	781.8	Sand Dark Green
14.9	777.5	Sand Clayey
15.2	777.2	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

---17-053-04 W5M

Well Number **07899**

Well Owner: **Callioux, Howard**

Elevation (AMSL) (m): **796**

AEP: **368635**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **29,439.26**

Date Started:

Northing: **5,934,187.50**

Date Completed:

**General:**

Type of Work: **Chemistry**

Drilling Method: **Unknown**

Well Use: **Domestic**

Completed Depth **91.4** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**



**15-17-053-04 W5M**

Well Number **07900**

Well Owner: **Trans Alta #Dw 94 05**

Elevation (AMSL) (m): **792**

AEP: **382927**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,633.43**

Date Started: **16 Apr 94**

Northing: **5,934,834.50**

Date Completed: **16 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **59.7** (m)  
 NPWL (m): **28.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.1**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **13.7** Bottom (m): **59.7**  
 Perforated How: **Machine**  
 from (m): **13.7** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **59.4**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **59.7** Drawdown (m): **31.5**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
1.5	790.4		Fill
6.1	785.8		Till
11.3	780.6		Gravel
17.4	774.5		Sand
19.5	772.4		Shale Gray
33.8	758.0		Sandstone
36.0	755.9		Coal
38.7	753.2		Shale Gray
39.0	752.9		Coal
39.6	752.3		Shale Brown
42.4	749.5		Coal
43.3	748.6		Shale Gray
44.2	747.7		Shale Carbonaceous
44.5	747.4		Shale Bentonitic
44.8	747.1		Shale Carbonaceous
45.1	746.8		Coal
45.4	746.5		Bentonite
46.3	745.5		Coal
46.6	745.2		Shale Brown
48.2	743.7		Coal
49.1	742.8		Shale Bentonitic
50.9	741.0		Shale Green
59.7	732.1		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-04 W5M**

Well Number **07901**

Well Owner: **Fording Coal Ltd/Trans Alta**

Elevation (AMSL) (m): **794**

AEP: **443148**

Drilling Contractor: *Mid-West Drilling Ltd.*

Licence No.:

Easting: **29,018.37**

Date Started: **11 Jan 96**

Northing: **5,933,832.00**

Date Completed: **11 Jan 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **37.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **19.2** to **19.5**

**Liner:**  
 Type:  
 OD (mm): **125.7** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **37.2**  
 Perforated How: **Machine**  
 from (m): **16.5** to **37.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.8	785.0	Clay
11.3	782.6	Sand Brown
12.2	781.6	Gravel
17.7	776.2	Sandstone Soft Brown
18.6	775.2	Sand & Gravel
19.2	774.6	Sandstone
19.5	774.3	Shale Gray
20.4	773.4	Coal
20.7	773.1	Shale Carbonaceous
21.0	772.8	Bentonite
22.3	771.6	Coal
22.6	771.3	Bentonite
22.9	771.0	Shale Carbonaceous
23.5	770.4	Coal
24.1	769.8	Shale Bentonitic Brown
24.4	769.5	Coal
25.0	768.8	Bentonite
25.9	767.9	Coal
27.4	766.4	Shale Green
37.2	756.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-04 W5M**

Well Number **07902**

Well Owner: **Fording Coal/Trans Alta**

Elevation (AMSL) (m): **794**

AEP: **443149**

Drilling Contractor: *Mid-West Drilling Ltd.*

Licence No.:

Easting: **29,018.37**

Date Started: **12 Jan 96**

Northing: **5,933,832.00**

Date Completed: **12 Jan 96**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **41.5** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **19.2** to **19.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **17.1** Bottom (m): **41.5**  
 Perforated How: **Machine**  
 from (m): **17.1** to **41.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm): **228.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	792.3	Clay
4.0	789.9	Muskeg
9.8	784.1	Clay Sandy
18.0	775.9	Clay
18.6	775.2	Sandstone Soft Brown
19.5	774.3	Shale Carbonaceous
22.6	771.3	Coal
24.1	769.8	Shale Gray
24.4	769.5	Coal
24.7	769.1	Shale Brown
25.3	768.5	Shale Carbonaceous
26.2	767.6	Coal
27.1	766.7	Shale Carbonaceous
27.7	766.1	Coal
28.0	765.8	Shale Brown
28.7	765.2	Shale Carbonaceous
29.3	764.6	Bentonite
30.2	763.7	Coal
31.7	762.1	Shale Green
35.4	758.5	Sandstone
41.5	752.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**04-18-053-04 W5M**

Well Number **07903**

Well Owner: **Alta Env #1178e (C1)**

Elevation (AMSL) (m): **772**

AEP: **401742**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **27,310.16**

Date Started:

Northing: **5,933,344.18**

Date Completed: **24 May 74**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Plugged 20 Nov 75**

**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.6	771.2	Clay
4.9	766.9	Sandstone Paskapoo Brownish Ye
15.9	755.9	Coal Lost Circulation
24.4	747.4	Shale
27.4	744.4	Shale Dark Gray
33.5	738.3	Shale Brownish Green
35.0	736.7	Sandstone Silty Brownish Green
38.1	733.7	Siltstone Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 18-053-04 W5M**

Well Number **07904**

Well Owner: **Bamber, Kim**

Elevation (AMSL) (m): **798**

AEP: **385517**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **27,166.66**

Date Started: **10 Jun 94**

Northing: **5,934,812.00**

Date Completed: **10 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **33.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **40.8** Bottom (m): **40.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **40.2** to **40.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **39.6** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): **38.7** Drawdown (m): **5.4**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **63.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	797.2	Clay
4.0	794.5	Sand
7.9	790.5	Sand & Gravel
14.9	783.5	Sand Brown
16.1	782.3	Sandstone Hard Brown
33.8	764.6	Sandstone Brown
34.8	763.7	Coal
35.7	762.8	Siltstone Gray
41.2	757.3	Shale Gray
42.4	756.1	Sandstone
43.6	754.8	Coal
43.9	754.5	Bentonite
45.4	753.0	Coal
46.9	751.5	Shale Gray
47.9	750.6	Coal Bentonitic
50.9	747.5	Coal
52.7	745.7	Shale Gray
53.3	745.1	Bentonite
55.8	742.6	Shale & Coal
56.1	742.3	Bentonite
57.6	740.8	Coal
58.8	739.6	Shale Green
60.4	738.1	Siltstone
63.7	734.7	Shale Brown
64.0	734.4	Sandstone Hard
65.5	732.9	Shale Bentonitic Gray
67.7	730.8	Shale Gray
80.5	718.0	Shale Bentonitic
82.0	716.4	Shale Brown
89.9	708.5	Sandstone
91.4	707.0	Shale Bentonitic

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 18-053-04 W5M**

Well Number **07905**

Well Owner: **Bamber, Roy/Hilda**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **798**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **369024**  
 Easting: **27,165.27**  
 Northing: **5,934,802.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **134.1** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-053-04 W5M**

Well Number **07906**

Well Owner: **Macdonald, Jim**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356925**  
 Easting: **28,322.83**  
 Northing: **5,933,562.26**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SW 18-053-04 W5M**

Well Number **07907**

Well Owner: **Groves, Tom A/M.L**

Elevation (AMSL) (m): **775**

AEP: **357234**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **27,529.88**

Date Started: **03 Jun 82**

Northing: **5,933,488.50**

Date Completed: **04 Jun 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.7** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **11.9** to **13.4** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **7.6** Drawdown (m): **5.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	774.0	Clay Sandy Yellow
10.1	765.4	Sand Yellow
13.7	761.8	Sand & Coal
16.8	758.7	Shale & Coal Brown
20.4	755.1	Shale Gray
24.1	751.4	Shale Greenish Gray
25.6	749.9	Shale Gray
28.7	746.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



09-20-053-04 W5M

Well Number 07908

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **787**

AEP: **369165**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,170.86**

Date Started: **14 Mar 93**

Northing: **5,936,020.50**

Date Completed: **15 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **47.6** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **14.3**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **47.6**  
 Perforated How: **Machine**  
 from (m): **12.2** to **47.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **47.6**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **47.6** Drawdown (m): **17.1**  
 Rec'd intake (m): **39.9** Rec'd Rate (lpm): **182.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	782.3	Muskeg
5.8	781.4	Sand
9.8	777.5	Gravel
12.2	775.0	Clay
14.3	772.9	Sandstone
14.6	772.6	Coal
14.9	772.3	Shale Brown
18.6	768.6	Coal
19.8	767.4	Shale Gray
23.2	764.0	Sandstone
25.3	761.9	Shale Gray
25.9	761.3	Coal
26.2	761.0	Shale Brown
29.3	757.9	Coal
30.5	756.7	Shale Gray
31.4	755.8	Shale Bentonitic
31.7	755.5	Coal
32.0	755.2	Bentonite
32.6	754.6	Coal
32.9	754.3	Bentonite
33.8	753.4	Coal
34.1	753.1	Shale Brown
34.8	752.5	Coal
35.4	751.8	Bentonite
36.6	750.6	Coal
37.5	749.7	Shale Green
47.6	739.7	Shale Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**16-20-053-04 W5M**

Well Number **07909**

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **790**

AEP: **369164**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,248.38**

Date Started: **13 Mar 93**

Northing: **5,936,354.00**

Date Completed: **13 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **49.7** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **11.3** Bottom (m): **49.7**  
 Perforated How: **Machine**  
 from (m): **11.3** to **49.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **49.7**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **49.7** Drawdown (m): **26.8**  
 Rec'd intake (m): **42.1** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	785.8	Clay
11.6	778.8	Sand & Gravel
13.4	777.0	Sandstone
16.1	774.3	Coal
20.4	770.0	Shale Gray
22.9	767.5	Siltstone
27.4	763.0	Shale Gray
28.0	762.4	Coal
28.4	762.1	Shale Brown
31.7	758.7	Coal
32.6	757.8	Shale Brown
32.9	757.5	Coal
33.2	757.2	Shale Brown
33.5	756.9	Coal
33.8	756.6	Bentonite
34.8	755.7	Coal
35.0	755.4	Bentonite
36.0	754.4	Coal
36.3	754.1	Shale Brown
36.9	753.5	Coal
37.5	752.9	Shale Bentonitic
38.7	751.7	Coal
41.5	749.0	Shale
49.7	740.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

08-20-053-04 W5M

Well Number 07910

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **786**

AEP: **368472**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,157.90**

Date Started: **03 Mar 93**

Northing: **5,935,600.00**

Date Completed: **03 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **51.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **19.5** Bottom (m): **19.5**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **19.5**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **17.4** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **17.4** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.2**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **51.2** Drawdown (m): **23.8**  
 Rec'd intake (m): **43.9** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	785.1	Till
4.6	781.2	Clay
5.8	780.0	Clay Sandy
6.1	779.6	Sand
11.0	774.8	Gravel
15.5	770.2	Sand Brown
16.5	769.3	Sandstone Brown
23.5	762.3	Sandstone Gray
24.7	761.1	Coal
25.0	760.8	Bentonite
26.5	759.2	Coal
29.6	756.2	Shale Gray
29.9	755.9	Coal
30.2	755.6	Shale Brown
33.5	752.2	Coal
34.1	751.6	Shale Gray
34.4	751.3	Coal
34.8	751.0	Bentonite
35.0	750.7	Shale Brown
35.4	750.4	Coal
35.7	750.1	Bentonite
36.6	749.2	Coal
36.9	748.9	Bentonite
38.4	747.3	Coal
38.7	747.0	Bentonite
39.0	746.7	Shale
40.2	745.5	Coal
41.8	744.0	Shale Green
51.2	734.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

08-20-053-04 W5M

Well Number 07911

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **786**

AEP: **367599**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,157.90**

Date Started: **21 Mar 93**

Northing: **5,935,600.00**

Date Completed: **21 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **52.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.4**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **18.0** Bottom (m): **52.4**  
 Perforated How: **Machine**  
 from (m): **18.0** to **52.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **52.4**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **52.4** Drawdown (m): **35.7**  
 Rec'd intake (m): **45.1** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	780.6	Muskeg
7.3	778.4	Clay
7.9	777.8	Sand
13.4	772.3	Gravel
16.1	769.6	Sand
18.6	767.2	Sandstone Soft Brown
24.4	761.4	Sandstone Gray
24.7	761.1	Coal
25.3	760.4	Shale Brown
28.7	757.1	Coal
30.8	755.0	Shale Gray
31.4	754.4	Coal
32.0	753.7	Shale Brown
35.0	750.7	Coal
36.0	749.8	Shale
36.6	749.2	Shale & Coal Carbonaceous
36.9	748.9	Bentonite
38.1	747.6	Coal
38.4	747.3	Bentonite
39.6	746.1	Coal
40.2	745.5	Shale Carbonaceous
41.5	744.3	Coal
43.3	742.5	Shale Green
52.4	733.3	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-20-053-04 W5M

Well Number 07912

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **786**

AEP: **367598**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,153.12**

Date Started: **02 Mar 93**

Northing: **5,935,200.00**

Date Completed: **02 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **54.0** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.6**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **16.1** Bottom (m): **54.0**  
 Perforated How: **Machine**  
 from (m): **16.1** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.0**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **54.0** Drawdown (m): **20.4**  
 Rec'd intake (m): **46.0** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	785.8	Till
2.7	783.7	Clay Brown
3.7	782.8	Gravel
7.0	779.4	Sand & Gravel
16.1	770.3	Sand
28.0	758.4	Sandstone
28.4	758.1	Bentonite
30.2	756.3	Coal
32.3	754.1	Shale Gray
32.9	753.5	Coal
33.2	753.2	Shale Brown
36.3	750.2	Coal
36.9	749.6	Shale Gray
37.2	749.3	Coal
37.5	749.0	Bentonite
38.1	748.4	Shale Brown
39.0	747.4	Coal
39.3	747.1	Bentonite
40.2	746.2	Coal
40.5	745.9	Shale Brown
40.8	745.6	Coal
41.2	745.3	Bentonite
41.5	745.0	Coal
42.1	744.4	Shale Bentonitic
43.0	743.5	Coal
44.2	742.3	Shale Bentonitic Brown
44.5	742.0	Shale Green
54.0	732.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**01-20-053-04 W5M**

Well Number **07913**

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **786**

AEP: **367115**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,153.12**

Date Started: **01 Mar 93**

Northing: **5,935,200.00**

Date Completed: **01 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **54.3** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **20.7** Bottom (m): **20.7**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.7**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **18.6** Bottom (m): **54.3**  
 Perforated How: **Machine**  
 from (m): **18.6** to **54.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.3**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **54.3** Drawdown (m): **18.3**  
 Rec'd intake (m): **46.9** Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.2	785.2	Till
2.7	783.7	Clay
7.9	778.5	Gravel
17.1	769.4	Sand
20.4	766.0	Sandstone Soft Brown
23.5	763.0	Sandstone
23.8	762.7	Shale Blue
24.4	762.1	Sandstone
24.7	761.8	Shale Blue
29.0	757.5	Sandstone
29.3	757.2	Shale Bentonitic
31.1	755.4	Coal
33.5	752.9	Shale Gray
36.6	749.9	Coal
37.5	749.0	Shale Brown
37.8	748.7	Coal
38.4	748.1	Shale Brown
38.7	747.7	Bentonite
39.6	746.8	Coal
39.9	746.5	Bentonite
41.8	744.7	Coal
42.1	744.4	Shale Bentonitic
43.3	743.2	Coal
45.1	741.3	Shale Green
45.4	741.0	Shale Hard Brown
45.7	740.7	Shale Gray
54.3	732.2	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-20-053-04 W5M

Well Number 07914

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **786**

AEP: **369163**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,157.90**

Date Started: **02 Mar 93**

Northing: **5,935,600.00**

Date Completed: **03 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **54.3** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.9**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **54.3**  
 Perforated How: **Machine**  
 from (m): **16.8** to **54.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **54.3**

**Testing:**  
 Rate (lpm): **114.0** Time (minute): **120.0**  
 Level End (m): **54.3** Drawdown (m): **22.3**  
 Rec'd intake (m): **46.9** Rec'd Rate (lpm): **114.0**

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
1.5	784.2	Till
3.7	782.1	Clay
4.6	781.2	Sand
7.0	778.7	Clay
9.1	776.6	Clay Sandy
13.4	772.3	Gravel
15.5	770.2	Sand
26.5	759.2	Sandstone
28.0	757.7	Coal
28.4	757.4	Bentonite
29.9	755.9	Coal
33.2	752.5	Shale Gray
33.5	752.2	Coal
34.1	751.6	Shale Brown
37.2	748.6	Coal
37.8	748.0	Shale Gray
38.4	747.3	Bentonite
38.7	747.0	Shale Brown
39.0	746.7	Shale Bentonitic
41.2	744.6	Coal
41.5	744.3	Shale Brown
41.8	744.0	Coal
42.1	743.7	Bentonite
43.6	742.2	Coal
49.7	736.1	Shale Green
50.0	735.8	Shale Hard Brown
54.3	731.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-20-053-04 W5M

Well Number 07915

Well Owner: **Trans Alta #Dw 93 09**

Elevation (AMSL) (m): **786**

AEP: **369475**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,153.12**

Date Started: **28 May 93**

Northing: **5,935,200.00**

Date Completed: **28 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **51.2** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): **15.5** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **15.5** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **51.2**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **51.2** Drawdown (m): **25.3**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.9	785.5		Fill
2.4	784.0		Muskeg
6.4	780.1		Clay
7.9	778.5		Sand
11.6	774.9		Gravel
15.5	770.9		Sandstone Soft Brown
23.8	762.7		Sandstone Gray
24.1	762.4		Shale & Coal Carbonaceous
27.7	758.7		Coal
29.9	756.6		Shale Gray
30.2	756.3		Shale Brown
33.5	752.9		Coal
34.8	751.7		Shale Gray
35.4	751.1		Shale Carbonaceous
36.3	750.2		Shale
36.6	749.9		Coal
36.9	749.6		Bentonite
38.7	747.7		Coal
39.0	747.4		Bentonite
40.2	746.2		Coal
40.8	745.6		Shale Green
45.1	741.3		Shale
51.2	735.3		Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



01-20-053-04 W5M

Well Number 07916

Well Owner: **Trans Alta #Dw 93 10**

Elevation (AMSL) (m): **786**

AEP: **369476**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,153.12**

Date Started: **28 May 93**

Northing: **5,935,200.00**

Date Completed: **28 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **53.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.4**  
**Liner:**  
 Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): **17.7** Bottom (m): **53.0**  
 Perforated How: **Machine**  
 from (m): **17.7** to **53.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **53.0**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **53.0** Drawdown (m): **28.7**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **27.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.4	780.1	Clay
8.5	777.9	Sand
13.1	773.3	Gravel
15.9	770.6	Sand
18.6	767.9	Sandstone Brown
25.3	761.2	Sandstone Gray
25.6	760.9	Coal
26.2	760.2	Shale Brown
29.6	756.9	Coal
31.4	755.1	Shale Gray
31.7	754.8	Coal
32.3	754.1	Shale Brown
35.4	751.1	Coal
36.3	750.2	Shale Gray
37.2	749.3	Coal
37.5	749.0	Bentonite
38.1	748.4	Coal
38.4	748.1	Bentonite
40.2	746.2	Coal
40.8	745.6	Shale Carbonaceous
42.1	744.4	Coal
42.7	743.8	Shale Green
47.2	739.2	Shale
53.0	733.4	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**16-20-053-04 W5M**

Well Number **07917**

Well Owner: **Trans Alta #Dw 94 01**

Elevation (AMSL) (m): **791**

AEP: **382939**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,251.44**

Date Started: **14 Apr 94**

Northing: **5,936,366.00**

Date Completed: **14 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **52.4** (m)  
 NPWL (m): **20.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.7**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **15.9** Bottom (m): **52.4**  
 Perforated How: **Machine**  
 from (m): **15.9** to **52.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **52.1**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **52.4** Drawdown (m): **32.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	785.3	Till
7.0	783.5	Clay
12.2	778.3	Sand & Gravel
13.7	776.8	Sand
16.5	774.1	Sandstone Brown
17.7	772.8	Coal
18.0	772.5	Bentonite
19.8	770.7	Coal
25.3	765.2	Shale Gray
26.5	764.0	Siltstone
29.9	760.7	Shale Gray
30.5	760.0	Coal
30.8	759.7	Shale Brown
33.8	756.7	Coal
35.7	754.9	Shale Gray
36.3	754.3	Shale Carbonaceous
36.6	754.0	Coal
38.1	752.4	Shale Carbonaceous
39.0	751.5	Bentonite
41.2	749.4	Coal
41.8	748.8	Shale Brown
42.4	748.2	Shale Gray
46.0	744.5	Sandstone
50.0	740.5	Shale Gray
52.4	738.1	Shale Bentonitic

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**15-20-053-04 W5M**

Well Number **07918**

Well Owner: **Trans Alta #Dw 94 02**

Elevation (AMSL) (m): **790**

AEP: **382938**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,753.07**

Date Started: **07 Apr 94**

Northing: **5,936,426.00**

Date Completed: **07 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **52.4** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.9**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **20.1** Bottom (m): **52.4**  
 Perforated How: **Machine**  
 from (m): **20.1** to **52.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **52.1**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **52.4** Drawdown (m): **31.4**  
 Rec'd intake (m): Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	787.0	Till
7.3	782.7	Clay Sandy
12.8	777.2	Sand & Gravel
13.4	776.6	Sand
19.2	770.8	Sandstone Soft Brown
20.7	769.3	Sandstone Gray
22.3	767.8	Coal
22.6	767.5	Bentonite
24.1	766.0	Coal
29.0	761.1	Shale Gray
29.6	760.5	Coal
29.9	760.2	Shale Brown
33.2	756.8	Coal
34.4	755.6	Shale Gray
35.0	755.0	Coal
35.4	754.7	Shale Carbonaceous
35.7	754.4	Coal
36.0	754.1	Bentonite
36.6	753.5	Coal
37.2	752.9	Bentonite
37.5	752.5	Shale Carbonaceous
37.8	752.2	Coal
38.4	751.6	Shale Bentonitic
38.7	751.3	Shale Brown
39.0	751.0	Shale Carbonaceous
39.6	750.4	Bentonite
40.5	749.5	Coal
40.8	749.2	Shale Bentonitic
41.2	748.9	Shale Green
42.1	748.0	Sandstone
45.1	744.9	Siltstone
52.4	737.6	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

08-20-053-04 W5M

Well Number 07919

Well Owner: **Trans Alta #Dw 94 03**

Elevation (AMSL) (m): **786**

AEP: **382935**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,157.90**

Date Started: **15 Apr 94**

Northing: **5,935,600.00**

Date Completed: **15 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **55.8** (m)  
 NPWL (m): **20.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **168.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.0**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **16.1** Bottom (m): **55.8**  
 Perforated How: **Machine**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **55.8**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **55.8** Drawdown (m): **35.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	785.1	Fill
1.2	784.5	Organic Matter
8.2	777.5	Till
13.4	772.3	Gravel
25.9	759.8	Sandstone
28.0	757.7	Shale Brown
28.7	757.1	Coal
29.0	756.8	Shale Brown
29.6	756.2	Coal
29.9	755.9	Shale Brown
31.7	754.0	Coal
33.2	752.5	Shale Gray
35.0	750.7	Shale Carbonaceous
38.4	747.3	Coal
39.0	746.7	Shale Gray
39.6	746.1	Coal
39.9	745.8	Shale Gray
40.2	745.5	Coal
40.5	745.2	Shale Bentonitic
41.2	744.6	Coal
41.8	744.0	Shale Brown
42.4	743.4	Coal
43.3	742.5	Shale Carbonaceous
44.5	741.2	Coal
46.6	739.1	Shale Green
55.8	730.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**02-20-053-04 W5M**

Well Number **07920**

Well Owner: **Trans Alta #Dw 94 04**

Elevation (AMSL) (m): **782**

AEP: **382930**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,732.02**

Date Started: **14 Apr 94**

Northing: **5,935,199.50**

Date Completed: **14 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **51.8** (m)  
 NPWL (m): **21.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.1**

**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **22.3** Bottom (m): **51.8**  
 Perforated How: **Machine**  
 from (m): **23.2** to **51.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.5**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **30.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	779.6	Till
7.0	775.0	Gravel
12.5	769.5	Till
20.1	761.9	Sandstone Brown
23.5	758.5	Sandstone Gray
23.8	758.2	Coal
24.1	757.9	Shale Brown
25.6	756.4	Coal
25.9	756.1	Shale Brown
28.0	754.0	Coal
29.6	752.4	Shale Gray
29.9	752.1	Shale Carbonaceous
30.2	751.8	Coal
30.5	751.5	Shale Brown
34.1	747.9	Shale Gray
34.4	747.6	Coal
34.8	747.3	Shale Brown
35.4	746.6	Coal
35.7	746.3	Shale Brown
36.6	745.4	Coal
36.9	745.1	Shale Brown
37.5	744.5	Coal
39.0	743.0	Shale Carbonaceous
39.9	742.1	Coal
43.0	739.0	Shale Green
45.7	736.3	Sandstone
49.1	732.9	Shale Green
51.8	730.2	Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-053-04 W5M**

Well Number **07921**

Well Owner: **Trans Alta #Dw 95 03**

Elevation (AMSL) (m): **788**

AEP: **414868**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,933.66**

Date Started: **17 Apr 95**

Northing: **5,936,218.00**

Date Completed: **17 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **49.4** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **19.2**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **15.9** Bottom (m): **49.4**  
 Perforated How: **Machine**  
 from (m): **15.9** to **49.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **49.4**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): **49.4** Drawdown (m): **22.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	782.7	Till
8.8	779.0	Clay
11.3	776.6	Gravel
13.4	774.5	Sand
14.9	772.9	Sandstone Soft
16.5	771.4	Sandstone Soft Brown
18.6	769.3	Shale Gray
19.5	768.4	Coal
20.7	767.1	Shale Bentonitic
21.0	766.8	Coal
27.4	760.4	Shale Gray
27.7	760.1	Coal
28.0	759.8	Shale Brown
31.4	756.5	Coal
32.9	755.0	Shale Sandy Gray
33.5	754.3	Coal
33.8	754.0	Shale Brown
34.1	753.7	Coal
34.4	753.4	Shale Carbonaceous
35.0	752.8	Coal
35.7	752.2	Shale Bentonitic
36.0	751.9	Coal
36.3	751.6	Shale Brown
36.9	751.0	Shale Carbonaceous
37.5	750.4	Bentonite
38.4	749.5	Coal
38.7	749.2	Bentonite
40.5	747.3	Shale Green
49.4	738.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-04 W5M**

Well Number **07922**

Well Owner: **Olsen, Steve**

Elevation (AMSL) (m): **783**

AEP: **369880**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **29,953.37**

Date Started: **04 Jun 93**

Northing: **5,935,400.00**

Date Completed: **04 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.5** (m)  
 NPWL (m): **.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **9.8** Bottom (m): **9.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **8.2**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **9.8** to **11.3** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **11.3**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **7.6** Drawdown (m): **7.0**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	779.1	Clay Sandy Yellow
8.2	774.8	Clay Blue
11.3	771.8	Sand & Coal
12.5	770.5	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 20-053-04 W5M**

Well Number **07923**

Well Owner: **Trans Alta #Dw 95 01**

Elevation (AMSL) (m): **783**

AEP: **414863**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,953.37**

Date Started: **12 Apr 95**

Northing: **5,935,400.00**

Date Completed: **12 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **58.5** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **31.4** Bottom (m): **58.5**  
 Perforated How: **Machine**  
 from (m): **31.4** to **58.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **57.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	780.0	Clay
6.4	776.6	Sand & Gravel
25.9	757.1	Sand
27.4	755.6	Shale Gray
32.9	750.1	Sandstone
33.2	749.8	Shale Brown
35.0	748.0	Coal
36.9	746.2	Shale Gray
37.2	745.9	Coal
37.8	745.2	Shale Brown
40.8	742.2	Shale Brown
41.5	741.6	Shale Gray
41.8	741.3	Coal
42.1	741.0	Shale Bentonitic
42.7	740.4	Shale & Coal Carbonaceous
43.0	740.1	Shale Bentonitic
43.9	739.1	Shale Carbonaceous
45.1	737.9	Coal
46.3	736.7	Bentonite
47.6	735.5	Coal
48.2	734.9	Shale Green
50.3	732.7	Shale Gray
56.1	727.0	Sandstone
56.7	726.3	Shale Green
58.5	724.5	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 20-053-04 W5M**

Well Number **07924**

Well Owner: **Trans Alta #Dw 95 02**

Elevation (AMSL) (m): **783**

AEP: **414866**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,953.37**

Date Started: **13 Apr 95**

Northing: **5,935,400.00**

Date Completed: **13 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **57.6** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **28.4** Bottom (m): **57.6**  
 Perforated How: **Machine**  
 from (m): **28.4** to **57.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **57.6**

**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **57.6** Drawdown (m): **24.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.1	776.9	Till
7.3	775.7	Sand
9.4	773.6	Sand & Gravel
19.8	763.2	Sandstone Soft
22.3	760.8	Shale Gray
31.1	751.9	Sandstone Soft Gray
34.4	748.6	Coal
35.7	747.4	Shale Gray
36.0	747.1	Coal
36.6	746.5	Shale Carbonaceous Brown
39.6	743.4	Coal
39.9	743.1	Shale Gray
40.2	742.8	Coal
41.2	741.9	Shale Brown
41.5	741.6	Shale Carbonaceous
42.1	741.0	Coal
42.4	740.7	Bentonite
44.2	738.8	Coal
45.4	737.6	Shale Bentonitic
46.3	736.7	Coal
47.2	735.8	Shale Green
50.0	733.1	Shale Gray
50.6	732.4	Sandstone Gray
52.1	730.9	Shale Green
57.0	726.0	Sandstone
57.6	725.4	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**04-21-053-04 W5M**

Well Number **07925**

Well Owner: **Alta Env #1776e**

Elevation (AMSL) (m): **786**

AEP: **401658**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **30,549.68**

Date Started: **21 May 78**

Northing: **5,935,202.00**

Date Completed: **22 May 78**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Combination**  
 Well Use: **Investigation**  
 Completed Depth **59.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
0.3	785.5	Loam Sandy
1.5	784.3	Clay Sandy Brownish Gray
4.9	780.9	Clay Sandy Dark Gray
5.5	780.3	Sand
9.1	776.6	Gravel
12.8	773.0	Shale
29.3	756.5	Siltstone Light Gray
32.9	752.9	Coal
37.2	748.6	Siltstone
39.9	745.9	Coal
42.7	743.1	Coal
43.9	741.9	Shale
59.1	726.7	Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 21-053-04 W5M**

Well Number **07926**

Well Owner: **Fording Coal**      **Hole #1**  
 Drilling Contractor: *Midwest Water Well Ltd.*

Elevation (AMSL) (m): **784**      AEP: **355566**  
 Licence No.:      Easting: **30,752.62**  
 Date Started: **04 Oct 90**      Northing: **5,935,412.50**  
 Date Completed: **04 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type: **Driven**  
 from (m):      to **0.6**  
**Liner:**  
 Type:  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Top (m):      Bottom (m): **18.3**  
 Perforated How: **Hand Drill**  
 from (m):      to **18.3**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **120.0**  
 Level End (m): **18.3**      Drawdown (m): **15.2**  
 Rec'd intake (m): **16.1**      Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	780.4	Coal
4.0	779.8	Shale Gray
5.2	778.6	Coal
5.5	778.3	Shale Brown
6.7	777.1	Coal
8.5	775.2	Coal See Comments
9.1	774.6	Shale Brown
10.7	773.1	Coal
12.5	771.3	Shale Gray
15.2	768.5	Sandstone Fine Grained
18.3	765.5	Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 21-053-04 W5M**

Well Number **07927**

Well Owner: **Fording Coal**      **Hole #2**  
 Drilling Contractor: *Midwest Water Well Ltd.*

Elevation (AMSL) (m): **784**      AEP: **355565**  
 Licence No.:      Easting: **30,752.62**  
 Date Started: **04 Oct 90**      Northing: **5,935,412.50**  
 Date Completed: **04 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type: **Driven**  
 from (m):      to **0.6**  
**Liner:**  
 Type:  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Top (m):      Bottom (m): **18.3**  
 Perforated How: **Hand Drill**  
 from (m):      to **18.3**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **120.0**  
 Level End (m): **18.3**      Drawdown (m): **15.2**  
 Rec'd intake (m): **16.1**      Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	780.1	Coal
4.3	779.5	Shale Gray
5.2	778.6	Coal
5.5	778.3	Shale Brown
6.7	777.1	Coal
8.2	775.5	Coal See Comments
8.8	774.9	Shale Brown
10.7	773.1	Coal
12.5	771.3	Shale Greenish Gray
14.9	768.8	Sandstone Fine Grained
18.3	765.5	Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 21-053-04 W5M**

Well Number **07928**

Well Owner: **Fording Coal**      **Hole #3**  
 Drilling Contractor: *Midwest Water Well Ltd.*

Elevation (AMSL) (m): **784**      AEP: **355564**  
 Licence No.:      Easting: **30,752.62**  
 Date Started: **04 Oct 90**      Northing: **5,935,412.50**  
 Date Completed: **04 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type: **Driven**  
 from (m):      to **0.6**  
**Liner:**  
 Type:  
 OD (mm): **141.2**      Thickness (mm): **0.1**  
 Top (m):      Bottom (m): **18.3**  
 Perforated How: **Hand Drill**  
 from (m):      to **18.3**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **18.2**      Time (minute): **120.0**  
 Level End (m): **18.3**      Drawdown (m): **15.2**  
 Rec'd intake (m): **16.1**      Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.7	781.0	Coal
3.7	780.1	Shale Gray
5.2	778.6	Coal
5.5	778.3	Shale Brown
6.7	777.1	Coal
7.0	776.8	Shale Bentonitic
8.5	775.2	Coal
9.1	774.6	Shale Brown
10.7	773.1	Coal
12.5	771.3	Shale Gray
14.9	768.8	Sandstone Fine Grained
18.3	765.5	Sandstone Coarse Grained

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

03-22-053-04 W5M

Well Number 07929

Well Owner: **Alta Env #1687e (Nest#3 Area)**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **791**                      AEP: **401733**  
 Licence No.:    Easting: **32,578.76**  
 Date Started: **24 May 77**                      Northing: **5,935,012.41**  
 Date Completed: **24 May 77**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **12.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **24 May 77**

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:    Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	784.5	Coal
12.2	778.5	See Comments

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

03-22-053-04 W5M

Well Number 07930

Well Owner: **Alta Env #1688e (Nest#3 Area)**

Elevation (AMSL) (m): **791**

AEP: **401732**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,578.76**

Date Started: **25 May 77**

Northing: **5,935,177.50**

Date Completed: **25 May 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	785.2	Coal
9.1	782.2	Shale & Coal
18.9	772.4	Clay & Coal Sandy
21.3	770.0	Shale
24.4	766.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

03-22-053-04 W5M

Well Number 07931

Well Owner: **Alta Env #1689e (Nest#3 Area)**

Elevation (AMSL) (m): **791**

AEP: **401734**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,578.76**

Date Started: **25 May 77**

Northing: **5,935,012.41**

Date Completed: **25 May 77**

**General:**

Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Unknown**                      **25 May 77**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:                      Intake (m):

**Testing:**

Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m)                      Lithologic Description**  
 18.3 772.4 Clay Sandy

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**



01-22-053-04 W5M

Well Number 07932

Well Owner: **Alta Env #1727e(Nest 2)**

Elevation (AMSL) (m): **789**

AEP: **401666**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.64**

Date Started:

Northing: **5,935,201.50**

Date Completed: **23 Aug 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	782.4	Sand & Shale Bentonitic Gray
10.7	777.9	Sand
15.2	773.3	Sand & Coal
18.3	770.2	Sand
19.8	768.7	Shale & Coal Bentonitic Gray
24.4	764.2	Sandstone & Shale Ledges Bently
29.0	759.6	Shale Bentonitic Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

01-22-053-04 W5M

Well Number 07933

Well Owner: **Alta Env #1758e(Well#2)**

Elevation (AMSL) (m): **789**

AEP: **401665**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.64**

Date Started:

Northing: **5,935,201.50**

Date Completed: **25 Aug 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **18.9** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Unknown**  
 Depth (m): **16.8** Bottom (m): **16.8**  
 OD (mm): **168.2** Thickness (mm):  
 Seal Type: **Bentonite & Cement**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **18.6**  
 Perforated How: **Unknown**  
 from (m): **17.1** to **18.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **14.6**

**Testing:**

Rate (lpm): **6.8** Time (minute): **580.0**  
 Level End (m): **14.9** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
1.8	786.7	Clay	Dark Gray	
3.4	785.2	Clay & Coal	Sandy Dark Gray	
4.0	784.6	Muskeg	Red	
6.1	782.4	Clay & Sand	Brownish Green	
7.3	781.2	Clay	Sandy Brownish Green	
12.2	776.3	Clay & Sand	Brownish Gray	
16.8	771.8	Clay & Sand	Brownish Green	
17.4	771.2	Shale	Carbonaceous Dark Gray	
18.6	769.9	Coal	Black	
18.9	769.6	Shale	Bentonitic Brownish Gree	

Laboratory:

18 Jan 78

pH (pH unit)	7.80	COD	Mercury
Cond. (µS/cm)	702.0	SAR	Nickel
TDS	411.0	TKN	0.01
Sodium	69.00	Nitrate	0.01
Potassium	10.56	Nitrite	Molybdenum
Calcium	57.92	TN	Vanadium
Magnesium	16.05	TC	84.00
Carbonate		DIC	Hydroxide
Bicarbonate	347.76	Arsenic	Total Hardness
Aluminum		Barium	210.00
Sulphate	84.05	Beryllium	Manganese
Chloride	2.13	Cadium	0.06
Fluoride	0.27	Chromium	Phosphate
Iron	0.80	Cobalt	Ion Balance
TOC		Copper	0.99
Silica	16.10	Lead	Amm. Nitrogen
			Total Phosphate
			Total Alkalinity
			286.0
			Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

02-22-053-04 W5M

Well Number 07934

Well Owner: **Alta Env #1759e (Well#3)**

Elevation (AMSL) (m): **793**

AEP: **401660**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,982.15**

Date Started: **29 Aug 77**

Northing: **5,935,216.50**

Date Completed: **29 Aug 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **168.2** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **32.6**  
 Perforated How: **Unknown**  
 from (m): **32.3** to **32.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
14.6	778.1	Clay & Sand Gravelly Brown
16.5	776.3	Coal Sandy Dark Gray
20.1	772.6	Shale Carbonaceous Brownish Gr
21.3	771.4	Coal Black
26.2	766.5	Clay Silty Brownish Green
29.6	763.2	Coal Black
34.8	758.0	Coal Shaly Dark Gray
36.6	756.2	Sandstone Fine Grained Bluish
42.7	750.1	Sandstone Medium Grained Gray

Laboratory: **14 Dec 78**

pH (pH unit)	COD	Mercury	
Cond. (µS/cm)	SAR	Nickel	<b>0.01</b>
TDS	TKN	Selenium	
Sodium	Nitrate	Strontium	
Potassium	Nitrite	Molybdenum	
Calcium	TN	Vanadium	
Magnesium	TC	Zinc	<b>0.02</b>
Carbonate	DIC	Hydroxide	
Bicarbonate	Arsenic	Total Hardness	
Aluminum	Barium	Manganese	<b>0.36</b>
Sulphate	Beryllium	Phosphate	
Chloride	Cadium	Ion Balance	
Fluoride	Chromium	Amm. Nitrogen	
Iron	Cobalt	Total Phosphate	
TOC	Copper	Total Alkalinity	
Silica	Lead	Nitrate&Nitrite N	

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07935

Well Owner: **Alta Env #1768e (Core Site#2)**

Elevation (AMSL) (m): **768**

AEP: **401730**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,176.04**

Date Started: **27 Oct 77**

Northing: **5,936,232.27**

Date Completed: **29 Oct 77**

**General:**

Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.2	766.7	Clay Sandy Brownish Yellow
2.7	765.2	Sand & Gravel Coarse Grained
11.0	757.0	Clay Sandy Brownish Yellow
16.1	751.8	Gravel
18.9	749.0	Sandstone Bentonitic Gray
31.4	736.5	Unreadable Lost Circulation
33.5	734.4	Sandstone Fine Grained Brown
45.7	722.2	Unreadable

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

13-22-053-04 W5M

Well Number 07936

Well Owner: **Alta Env #1775e (Core Hole#2)**

Elevation (AMSL) (m): **768**

AEP: **401731**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,176.04**

Date Started: **17 May 78**

Northing: **5,936,232.27**

Date Completed: **18 May 78**

**General:**  
 Type of Work: **Core Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **46.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.3	767.6	Loam Sandy
7.3	760.6	Clay Sandy Brown
7.9	760.0	Sand
10.7	757.3	Clay Sandy Dark Gray
16.1	751.8	Sand & Gravel
17.7	750.3	Shale
18.0	750.0	Sandstone
19.5	748.4	Shale
19.8	748.1	Coal
21.6	746.3	Shale
24.1	743.9	Coal
25.0	742.9	Shale
25.6	742.3	Sandstone
28.7	739.3	Coal
29.0	739.0	Shale
30.5	737.5	Coal
31.4	736.5	Shale
46.0	721.9	Unreadable

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

02-22-053-04 W5M

Well Number 07937

Well Owner: **Alta Env #3b Piez**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **794**  
 Licence No.:  
 Date Started:  
 Date Completed: **08 Aug 78**  
 AEP: **401662**  
 Easting: **32,982.15**  
 Northing: **5,935,230.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **Yes**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

01-22-053-04 W5M

Well Number 07938

Well Owner: **Alta Env #A14**

Elevation (AMSL) (m): **789**

AEP: **401664**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.64**

Date Started:

Northing: **5,935,201.50**

Date Completed: **25 Jul 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **21.3** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	787.0	Sand Medium Grained Brownish G
3.1	785.5	Clay Sandy Brownish Gray
4.6	784.0	Clay Sandy Brownish Green
6.1	782.4	Clay Sandy Brownish Gray
6.4	782.1	Clay Sandy Brownish Green
7.6	780.9	Clay & Coal Dark Gray
9.1	779.4	Clay & Coal Black
11.0	777.6	Clay & Coal Black
11.9	776.6	Clay Sandy Dark Brown
12.2	776.3	Sand Medium Grained Brownish G
13.7	774.8	Clay & Sand Brownish Gray
14.6	773.9	Sand Coarse Grained Brownish G
15.2	773.3	Clay Dark Gray
15.9	772.7	Sand Clayey Brownish Gray
16.1	772.4	Clay Sandy Dark Gray
17.1	771.5	Sand Brownish Gray
18.6	769.9	Clay & Coal Dark Gray
18.9	769.6	Clay Brownish Green
19.8	768.7	Sand & Coal Clayey Brownish Gr
21.3	767.2	Coal Shaly Black

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-22-053-04 W5M

Well Number 07939

Well Owner: **Whitewood Mines #2a**

Elevation (AMSL) (m): **789**

AEP: **396432**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,410.64**

Date Started:

Northing: **5,935,201.50**

Date Completed:

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **16.8** (m)  
 NPWL (m): **11.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **440.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



01-22-053-04 W5M

Well Number 07940

Well Owner: **Whitewood Mines #2b**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **789**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396435**  
 Easting: **33,410.64**  
 Northing: **5,935,201.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **12.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m):                      Bottom (m):  
 OD (mm): **50.8**                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

01-22-053-04 W5M

Well Number 07941

Well Owner: **Whitewood Mines #2c**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **789**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396438**  
 Easting: **33,410.64**  
 Northing: **5,935,201.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **7.0** (m)  
 NPWL (m): **5.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **440.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-22-053-04 W5M

Well Number 07942

Well Owner: **Whitewood Mines #A18**

Elevation (AMSL) (m): **792**

AEP: **396636**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,003.70**

Date Started:

Northing: **5,935,631.50**

Date Completed: **22 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	790.5	Till & Clay Sandy Dark Brown
4.6	787.4	Till & Clay Sandy Greenish Gra
6.1	785.9	Sand Clayey Greenish Gray
7.9	784.1	Sand & Gravel Greenish Gray
17.4	774.6	Coal Black
18.3	773.7	Sandstone Bentonitic Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07943

Well Owner: **Whitewood Mines #A19**

Elevation (AMSL) (m): **775**

AEP: **396637**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,160.75**

Date Started:

Northing: **5,936,408.00**

Date Completed: **22 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **28.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **50.8** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **28.7**  
 Perforated How: **Saw**  
 from (m): **28.0** to **28.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	770.0	Till & Clay Sandy Brownish Gra
7.6	767.0	Till & Clay Silty Greenish Gra
9.4	765.1	Till & Clay Sandy Greenish Gra
12.2	762.4	Sand & Gravel Light Green
14.6	760.0	Sand Brownish Green
18.3	756.3	Unknown
22.9	751.7	Sandstone Bentonitic Greenish
28.7	745.9	Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07944

Well Owner: Whitewood Mines #A20

Elevation (AMSL) (m): 775

AEP: 396638

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 32,160.75

Date Started:

Northing: 5,936,408.00

Date Completed: 23 Aug 78

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Auger**  
Well Use: **Investigation**  
Completed Depth **21.3** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): **25.4** Thickness (mm):  
Top (m): Bottom (m): **21.3**  
Perforated How: **Saw**  
from (m): **20.7** to **21.3** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	765.4	Unknown
14.3	760.3	Sand & Gravel
21.3	753.3	Bedrock

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07945

Well Owner: **Whitewood Mines #A21**

Elevation (AMSL) (m): **775**

AEP: **396639**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,160.75**

Date Started:

Northing: **5,936,408.00**

Date Completed: **24 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): **25.4** Thickness (mm):  
 Top (m): Bottom (m): **15.2**  
 Perforated How: **Saw**  
 from (m): **14.6** to **15.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	765.4	Unknown
13.7	760.9	Sand & Gravel
15.2	759.3	Sand & Gravel Clayey

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07946

Well Owner: **Whitewood Mines #A22**

Elevation (AMSL) (m): **775**

AEP: **396640**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,160.75**

Date Started:

Northing: **5,936,408.00**

Date Completed: **24 Aug 78**

**General:**

Type of Work: **Test Hole**

Drilling Method: **Auger**

Well Use: **Investigation**

Completed Depth **6.1** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): **50.8** Thickness (mm): **0.1**

Top (m): Bottom (m): **6.1**

Perforated How: **Machine**

from (m): **5.5** to **6.1** Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-22-053-04 W5M

Well Number 07947

Well Owner: **Whitewood Mines #C2**

Elevation (AMSL) (m): **775**

AEP: **396535**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,160.75**

Date Started:

Northing: **5,936,408.00**

Date Completed:

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **101.6** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **2960.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
11.0	763.6	Till & Clay Sandy
15.9	758.7	Sand & Gravel
18.3	756.3	Sandstone Bentonitic
19.8	754.8	Shale Carbonaceous
20.1	754.5	Siltstone
20.7	753.9	Shale Bentonitic
23.8	750.8	Coal
24.4	750.2	Shale Carbonaceous
25.0	749.6	Siltstone
25.6	749.0	Shale Bentonitic
25.9	748.7	Shale Carbonaceous
26.8	747.8	Coal
27.4	747.2	Shale Carbonaceous
27.7	746.8	Coal
28.4	746.2	Shale Carbonaceous
29.0	745.6	Shale Bentonitic
29.6	745.0	Shale Carbonaceous
30.5	744.1	Coal
33.2	741.4	Shale Carbonaceous
34.4	740.1	Sandstone Bentonitic
35.4	739.2	Shale Bentonitic
36.6	738.0	Shale Carbonaceous

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-22-053-04 W5M

Well Number 07948

Well Owner: **Whitewood Mines #C2a**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396448**  
 Easting: **32,160.75**  
 Northing: **5,936,408.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **26.8** (m)  
 NPWL (m): **12.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07949

Well Owner: **Whitewood Mines #C2b**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396454**  
 Easting: **32,160.75**  
 Northing: **5,936,408.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **23.2** (m)  
 NPWL (m): **12.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<u>Depth</u>	<u>Elevation</u>	<u>Lithologic Description</u>
<u>(BGL)</u>	<u>(AMSL)</u>	
<u>(m)</u>	<u>(m)</u>	
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07950

Well Owner: **Whitewood Mines #C2c**

Elevation (AMSL) (m): **775**

AEP: **396460**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **32,160.75**

Date Started:

Northing: **5,936,408.00**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **18.0** (m)  
NPWL (m): **11.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **18.0** Bottom (m): **18.0**  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

13-22-053-04 W5M

Well Number 07951

Well Owner: **Whitewood Mines #C2d**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396464**  
 Easting: **32,160.75**  
 Northing: **5,936,408.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): **12.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.2** Bottom (m): **15.2**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07952

Well Owner: **Whitewood Mines #C2e**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396469**  
 Easting: **32,160.75**  
 Northing: **5,936,408.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **5.5** (m)  
 NPWL (m): **2.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

13-22-053-04 W5M

Well Number 07953

Well Owner: **Whitewood Mines #C2f**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396474**  
 Easting: **32,160.75**  
 Northing: **5,936,408.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **4.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**EH 22-053-04 W5M**

Well Number **07954**

Well Owner: **Alta Env #1759e(Nest 3)**

Elevation (AMSL) (m): **790**

AEP: **401659**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,192.38**

Date Started: **30 Aug 77**

Northing: **5,935,805.50**

Date Completed: **08 Sep 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **174.5** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **28.7**

**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): Bottom (m): **32.6**  
 Perforated How: **Machine**  
 from (m): **29.3** to **32.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	775.7	Clay Sandy
16.5	773.8	Coal
20.1	770.2	Shale Light Brown
21.3	769.0	Coal
26.2	764.1	Clay Silty Light Brown
34.8	755.5	Coal
36.6	753.7	Sandstone Bluish Green
42.7	747.6	Sandstone Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**EH 22-053-04 W5M**

Well Number **07955**

Well Owner: **Alta Env #3a Piez**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed: **08 Aug 78**  
 AEP: **401663**  
 Easting: **33,192.38**  
 Northing: **5,935,805.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **18.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**EH 22-053-04 W5M**

Well Number **07956**

Well Owner: **Alta Env #3c Piez**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **790**  
 Licence No.:  
 Date Started:  
 Date Completed: **08 Aug 78**  
 AEP: **401661**  
 Easting: **33,192.38**  
 Northing: **5,935,805.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **21.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-23-053-04 W5M

Well Number 07957

Well Owner: **Alta Env #1690e (Nest#1 Area)**

Elevation (AMSL) (m): **787**

AEP: **401739**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started: **26 May 77**

Northing: **5,935,235.00**

Date Completed: **26 May 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.1	784.4	Sand Fine Grained
3.1	783.5	Coal
6.1	780.5	Clay Silty
6.7	779.8	Sand & Coal Fine Grained
14.3	772.2	Coal
17.4	769.2	Shale & Coal
18.3	768.3	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07958

Well Owner: **Alta Env #1691e (Nest#1 Area)**

Elevation (AMSL) (m): **787**

AEP: **401740**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started: **26 May 77**

Northing: **5,935,235.00**

Date Completed: **26 May 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	785.0	Sand
4.6	782.0	Clay & Coal Sandy
9.1	777.4	Clay Sandy
13.7	772.8	Clay & Coal Sandy
17.1	769.5	Shale & Coal
18.3	768.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07959

Well Owner: **Alta Env #1692e (Nest#1 Area)**

Elevation (AMSL) (m): **787**

AEP: **401737**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started: **26 May 77**

Northing: **5,935,235.00**

Date Completed: **26 May 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	785.0	Sand & Gravel
6.1	780.5	Clay & Coal Sandy
12.2	774.4	Clay Sandy
16.8	769.8	Coal
18.3	768.3	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

04-23-053-04 W5M

Well Number 07960

Well Owner: **Alta Env #1693e (Nest#1 Area)**

Elevation (AMSL) (m): **787**

AEP: **401738**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started: **26 May 77**

Northing: **5,935,235.00**

Date Completed: **26 May 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth: **18.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	780.5	Sand
9.1	777.4	Clay Sandy
12.2	774.4	Clay & Coal Sandy
15.5	771.0	Shale
18.3	768.3	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07961

Well Owner: **Alta Env #1755e**

Elevation (AMSL) (m): **787**

AEP: **401768**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed: **19 Aug 77**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **61.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.9	785.6	Coal
4.3	782.3	Clay Sandy
14.9	771.6	Coal
23.8	762.8	Shale Wet Bluish Green
24.4	762.2	Sandstone Bluish Green
29.0	757.6	Shale Wet Bluish Green
38.1	748.5	Shale Brown
56.4	730.2	Shale Gray
58.5	728.0	Sandstone
61.0	725.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**04-23-053-04 W5M**

Well Number **07962**

Well Owner: **Alta Env #1755e (Nest#1)**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **787**      AEP: **401735**  
 Licence No.:      Easting: **33,713.88**  
 Date Started: **20 Aug 77**      Northing: **5,935,235.00**  
 Date Completed: **22 Aug 77**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.8**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **14.3**      Bottom (m): **14.3**  
 OD (mm): **168.4**      Thickness (mm):  
 Seal Type: **Driven**  
 from (m):      to  
**Liner:**  
 Type:  
 OD (mm): **101.6**      Thickness (mm):  
 Top (m):      Bottom (m): **17.1**  
 Perforated How: **Machine**  
 from (m): **15.5**      to **17.1**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **22.8**      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	785.6	Coal
4.3	782.3	Clay Sandy
14.9	771.6	Coal
23.8	762.8	Shale
24.4	762.2	Sandstone
56.4	730.2	Shale
58.5	728.0	Sandstone
61.0	725.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **Yes**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-23-053-04 W5M

Well Number 07963

Well Owner: **Alta Env #1756e (Nest#1, Well#1)**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **787**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **401736**  
 Easting: **33,713.88**  
 Northing: **5,935,235.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **16.8** (m)  
 NPWL (m): **10.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **4.6** Time (minute): **860.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Jan 78**

pH (pH unit) <b>10.6</b>	COD	Mercury
Cond. (µS/cm) <b>682.0</b>	SAR	Nickel
TDS <b>344.0</b>	TKN <b>0.01</b>	Selenium
Sodium <b>80.04</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>49.27</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC <b>16.00</b>	Zinc
Carbonate <b>39.00</b>	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>5.00</b>
Aluminum	Barium	Manganese <b>0.02</b>
Sulphate <b>150.81</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>0.23</b>	Chromium	Amm. Nitrogen
Iron <b>0.12</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>98.00</b>
Silica <b>11.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



04-23-053-04 W5M

Well Number 07964

Well Owner: **Whitewood Mines #1a**

Elevation (AMSL) (m): **787**

AEP: **396512**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **15.2** (m)  
NPWL (m): **10.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **15.2** Bottom (m): **15.2**  
OD (mm): Thickness (mm): **0.6**  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **980.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

04-23-053-04 W5M

Well Number 07965

Well Owner: **Whitewood Mines #1b**

Elevation (AMSL) (m): **787**

AEP: **396526**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed:

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Investigation**  
Completed Depth **14.0** (m)  
NPWL (m): **10.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): Bottom (m):  
OD (mm): **50.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute): **980.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
(BGL) (AMSL)  
(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>Yes</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

04-23-053-04 W5M

Well Number 07966

Well Owner: **Whitewood Mines #1c**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **787**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396443**  
 Easting: **33,713.88**  
 Northing: **5,935,235.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **11.3** (m)  
 NPWL (m): **9.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07967

Well Owner: **Whitewood Mines #A1**

Elevation (AMSL) (m): **787**

AEP: **396576**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed:

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth: **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	785.9	Sand & Coal Clayey Dark Green
1.5	785.0	Sand Clayey Dark Green
4.9	781.7	Sand & Coal Clayey Dark Green
6.7	779.8	Sand & Coal Clayey Black
7.3	779.2	Sand Dark Green
7.9	778.6	Coal
11.3	775.3	Sand Clayey Dark Green
14.6	771.9	Coal Clayey
15.2	771.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07968

Well Owner: **Whitewood Mines #A16**

Elevation (AMSL) (m): **787**

AEP: **396634**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed: **21 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **14.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **14.3** Bottom (m): **14.3**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.1	784.4	Clay & Coal Sandy Black
3.1	783.5	Clay Sandy Dark Gray
4.6	782.0	Clay Bentonitic Dark Gray
6.1	780.5	Till & Clay Sandy Greenish Gra
9.8	776.8	Clay Sandy Greenish Gray
12.2	774.4	Clay & Coal Black
12.5	774.1	Gravel
13.4	773.1	Clay & Coal Black
13.7	772.8	Bentonite Black
14.3	772.2	Coal Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-23-053-04 W5M

Well Number 07969

Well Owner: **Whitewood Mines #A17**

Elevation (AMSL) (m): **787**

AEP: **396635**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **33,713.88**

Date Started:

Northing: **5,935,235.00**

Date Completed: **21 Aug 78**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **13.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **50.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.7	783.8	Clay & Coal Sandy Black
3.1	783.5	Sand Bentonitic Greenish Gray
8.5	778.0	Clay Sandy Dark Brown
9.1	777.4	Sand Clayey Dark Brown
12.2	774.4	Clay Sandy Dark Brown
13.7	772.8	Clay & Coal Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 23-053-04 W5M**

Well Number **07970**

Well Owner: **Whitewood Mines #A3**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **396586**  
 Easting: **34,831.30**  
 Northing: **5,935,254.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Auger**  
 Well Use: **Investigation**  
 Completed Depth **16.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.3	784.8	Sand & Coal Clayey
1.5	783.6	Sand & Coal Clayey Dark Green
7.6	777.5	Coal Sandy Black
9.1	775.9	Till & Clay Silty Greenish Gra
12.2	772.9	Clay & Sand Carbonaceous Black
15.2	769.8	Clay & Coal Sandy Black
16.8	768.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-053-04 W5M**

Well Number **07971**

Well Owner: **Binette, Real**

Elevation (AMSL) (m): **778**

AEP: **356123**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **35,644.29**

Date Started: **01 May 83**

Northing: **5,937,892.00**

Date Completed: **03 May 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **18.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **635.0** Thickness (mm): **0.2**  
 Seal Type: **Puddled Clay**  
 from (m): to **4.3**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **8.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	773.1	Clay Brown
14.9	762.7	Clay Blue
15.9	761.8	Sand See Comments Blue
18.9	758.7	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 26-053-04 W5M**

Well Number **07972**

Well Owner: **Schafer, Rick**  
 Drilling Contractor: *Rodco Drilling*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed: **05 May 94**  
 AEP: **382457**  
 Easting: **34,733.94**  
 Northing: **5,937,922.00**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **94.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-053-04 W5M**

Well Number **07973**

Well Owner: **Fontaine, Garry**

Elevation (AMSL) (m): **775**

AEP: **352927**

Drilling Contractor: *Shumansky Waterwell Services Ltd.*

Licence No.:

Easting: **33,921.48**

Date Started: **04 Oct 90**

Northing: **5,937,947.00**

Date Completed: **04 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **17.7** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **17.7**  
 Perforated How: **Other**  
 from (m): **9.1** to **16.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	767.8			Sand Silty
11.6	763.5			Sand & Gravel
12.2	762.9			Clay
15.5	759.6			Shale
16.5	758.7			Sandstone
17.7	757.4			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-04 W5M**

Well Number **07974**

Well Owner: **Hartwig, Preston**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **777**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356926**  
 Easting: **34,695.86**  
 Northing: **5,937,242.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **15.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 26-053-04 W5M**

Well Number **07975**

Well Owner: **Keyler, Dwayne**

Elevation (AMSL) (m): **777**

AEP: **376553**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **34,057.20**

Date Started: **21 Aug 93**

Northing: **5,937,783.00**

Date Completed: **21 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **16.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **8.5** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **32.9** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **39.6**  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **23.5**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	773.1	Clay Sandy Brown
11.0	765.8	Clay & Boulders Gray
13.7	763.1	Sand Loose Brown
18.6	758.2	Sand & Gravel
19.5	757.3	Clay Sandy Gray
22.3	754.5	Shale Sandy Gray
25.6	751.2	Shale Green
26.5	750.3	Sand Fractured Green
31.7	745.1	Shale Bentonitic Gray
36.0	740.8	Shale Light Green
38.1	738.7	Shale Bentonitic
41.5	735.3	Shale Green
41.8	735.0	Shale Sandy Green
43.3	733.5	Shale Green
44.2	732.6	Shale Sandy Gray
44.8	732.0	Shale & Coal
46.6	730.1	Shale Sandy Gray
47.6	729.2	Shale Dark Gray
54.3	722.5	Shale Sandy Gray
56.7	720.1	Shale Gray
57.3	719.5	Coal
57.9	718.9	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-04 W5M**

Well Number **07976**

Well Owner: **Laurentian Bank/Hartwig, P**

Elevation (AMSL) (m): **777**

AEP: **363783**

Drilling Contractor: **Rodco Drilling**

Licence No.:

Easting: **34,695.86**

Date Started: **10 Sep 91**

Northing: **5,937,242.50**

Date Completed: **14 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **12.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **73.2** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: **Jacuzzi** Intake (m): **73.2**  
**Testing:**  
 Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **67.1** Drawdown (m): **54.3**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
4.0	773.1	Clay
4.6	772.5	Sand
13.1	764.0	Clay
14.9	762.2	Gravel
16.5	760.6	Shale Gray
23.8	753.3	Shale Sandy
30.2	746.9	Shale Green
36.0	741.1	Shale Sandy
62.2	714.9	Shale
63.4	713.7	Shale Brown
64.0	713.1	Coal
70.4	706.7	Shale
70.7	706.4	Coal
77.4	699.7	Shale Brown
79.2	697.9	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-04 W5M**

Well Number **07977**

Well Owner: **Nickason, Ray**

Elevation (AMSL) (m): **773**

AEP: **373953**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **33,695.96**

Date Started: **01 Nov 93**

Northing: **5,937,885.00**

Date Completed: **01 Nov 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **18.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.3** Bottom (m): **54.9**  
 Perforated How: **Saw**  
 from (m): **39.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **5s4513p-Sz** Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **27.4** Drawdown (m): **8.5**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.3	765.3	Clay Brown
15.2	757.4	Clay Gray
17.1	755.6	Sand & Rocks
19.5	753.1	Sandstone Brown
23.8	748.9	Shale Greenish Gray
26.2	746.4	Shale Brown
26.5	746.1	Coal
35.0	737.6	Shale Fractured
38.4	734.3	Shale Greenish Gray
39.9	732.7	Shale Gray
40.8	731.8	Shale Dark Green
41.8	730.9	Sandstone Gray
51.8	720.8	Shale
53.3	719.3	Sandstone Gray
54.9	717.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-04 W5M**

Well Number **07978**

Well Owner: **Wabamum Holdings**

Elevation (AMSL) (m): **775**

AEP: **448068**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **33,921.48**

Date Started: **08 Jun 76**

Northing: **5,937,947.00**

Date Completed: **11 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **9.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **34.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How: **Torch**  
 from (m): **27.4** to **41.2** Size:  
 from (m): **34.1** to **41.2** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **600.0**  
 Level End (m): **23.8** Drawdown (m): **14.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	762.9	Clay & Sand
18.3	756.8	Shale Brown
22.9	752.3	Sand
25.9	749.2	Shale Brown
27.4	747.7	Shale Green
30.5	744.6	Shale Brown
38.1	737.0	Shale Green
39.6	735.5	Coal
44.2	730.9	Shale Green
48.8	726.4	Shale Black
51.8	723.3	Coal
54.9	720.3	Shale Green
57.9	717.2	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-053-04 W5M**

Well Number **07980**

Well Owner: **Kropp, Andrew**

Elevation (AMSL) (m): **776**

AEP: **376552**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **34,541.92**

Date Started: **20 Aug 93**

Northing: **5,936,795.00**

Date Completed: **23 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **36.6**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **34.8** Bottom (m): **76.8**  
 Perforated How: **Saw**  
 from (m): **34.8** to **76.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m):

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **31.4**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	770.8	Clay Yellow
9.1	766.8	Sand & Coal
12.5	763.5	Shale Soft Green
13.4	762.6	Shale Hard Green
17.1	758.9	Shale Sandy Gray
24.4	751.6	Shale Brittle Gray
29.9	746.1	Shale Brittle Light Gray
39.0	737.0	Shale Green
46.3	729.6	Sandstone
53.3	722.6	Shale Gray
55.5	720.5	Shale Sandy Gray
55.8	720.2	Hard Ledges
63.4	712.6	Shale Brown
64.0	712.0	Shale & Coal Brown
65.2	710.8	Coal
67.1	708.9	Shale Gray
68.3	707.7	Shale & Coal Brown
77.7	698.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 26-053-04 W5M**

Well Number **07981**

Well Owner: **Lambert, Leo**

Elevation (AMSL) (m): **776**

AEP: **351500**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **34,569.86**

Date Started: **11 Jun 90**

Northing: **5,937,212.00**

Date Completed: **28 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **480.0**  
 Level End (m): **30.5** Drawdown (m): **25.0**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	771.3	Clay
5.2	770.7	Sand
8.8	767.0	Clay
10.7	765.2	Clay
11.9	764.0	Shale Brown
12.2	763.7	Shale Gray
19.8	756.1	Shale Sandy
21.3	754.5	Shale
33.8	742.0	Shale Gray
36.3	739.6	Shale Sandy
42.7	733.2	Shale
43.3	732.6	Sandstone
50.3	725.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-053-04 W5M**

Well Number **07982**

Well Owner: **Wabamum Holdings**

Elevation (AMSL) (m): **778**

AEP: **448043**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **34,817.01**

Date Started: **26 Jul 76**

Northing: **5,936,867.24**

Date Completed: **30 Jul 76**

**General:**  
 Type of Work: **Unknown**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **57.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **38.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **57.9**  
 Perforated How: **Torch**  
 from (m): **45.7** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **520.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
4.6	773.5	Clay	
9.1	769.0	Gravel	
16.8	761.4	Sand	
18.3	759.8	Shale Green	
21.3	756.8	Sand Blue	
25.6	752.5	Sand White	
29.0	749.2	Shale Brown	
33.5	744.6	Sand	
35.0	743.1	Sand	
38.1	740.0	Shale Green	
39.6	738.5	Coal	
42.7	735.4	Shale Brown	
44.8	733.3	Shale Green	
45.7	732.4	Shale Black	
47.2	730.9	Coal	
50.3	727.8	Shale Gray	
51.8	726.3	Shale Brown	
54.0	724.2	Shale Gray	
54.9	723.3	Sandstone	
57.9	720.2	Shale Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 26-053-04 W5M**

Well Number **07983**

Well Owner: **Wabamum Holdings**

Elevation (AMSL) (m): **781**

AEP: **448036**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **34,807.36**

Date Started: **01 Jun 76**

Northing: **5,937,116.00**

Date Completed: **08 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.2** (m)  
 NPWL (m): **11.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **35.7** Bottom (m): **35.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **35.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **83.2**  
 Perforated How: **Torch**  
 from (m): **70.4** to **83.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **600.0**  
 Level End (m): **33.5** Drawdown (m): **22.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	776.1	Clay
6.1	774.5	Sand & Gravel
12.8	767.8	Gravel
18.3	762.3	Sand
35.0	745.6	Shale
44.5	736.1	Shale Brown
45.7	734.9	Shale Green
56.4	724.2	Shale Black
58.2	722.4	Shale Brown
59.4	721.2	Coal
61.0	719.7	Shale Brown
70.4	710.2	Shale Blue
80.8	699.9	Coal
82.3	698.3	Shale Brown
83.2	697.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-053-04 W5M**

Well Number **07984**

Well Owner: **Zur, Andy**

Elevation (AMSL) (m): **781**

AEP: **352094**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **34,807.36**

Date Started: **02 Aug 90**

Northing: **5,937,116.00**

Date Completed: **02 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **37.8** Bottom (m): **37.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.5** Bottom (m): **79.2**  
 Perforated How: **Hand Drill**  
 from (m): **48.8** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **79.2** Drawdown (m): **71.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.6	773.0	Clay Brown
9.8	770.9	Sand
16.8	763.9	Clay
20.7	759.9	Shale
25.9	754.7	Sandstone Soft
32.9	747.7	Shale
37.5	743.1	Shale Bentonitic
38.4	742.2	Shale Brown
38.7	741.9	Shale Green
45.7	734.9	Shale Gray
46.3	734.3	Shale Brown
47.2	733.4	Shale Gray
49.4	731.2	Sandstone
56.4	724.2	Shale
57.0	723.6	Bentonite
57.9	722.7	Shale
58.2	722.4	Coal
66.4	714.2	Shale
67.7	713.0	Sandstone
72.8	707.8	Shale
74.1	706.6	Sandstone
75.9	704.7	Shale
78.3	702.3	Coal
79.2	701.4	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-053-04 W5M**

Well Number **07985**

Well Owner: **Mcmaster, Gar**

Elevation (AMSL) (m): **780**

AEP: **418227**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **33,361.58**

Date Started: **13 Sep 95**

Northing: **5,936,909.50**

Date Completed: **14 Sep 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **43.3** to **43.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **37.5** Bottom (m): **91.4**  
 Perforated How: **Hand Drill**  
 from (m): **61.0** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **70.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	776.6	Till
8.8	771.4	Clay Brown
9.4	770.8	Sand & Gravel
11.9	768.4	Clay Gray
26.5	753.7	Shale Dark Gray
26.8	753.4	Bentonite
36.3	744.0	Shale Brittle Gray
36.6	743.7	Shale Green
40.2	740.0	Shale Fractured Gray
40.8	739.4	Bentonite
59.4	720.8	Shale
59.7	720.5	Shale Hard Brown
60.7	719.6	Siltstone
62.5	717.8	Sandstone
62.8	717.5	Shale Brown
63.7	716.6	Coal
68.3	712.0	Shale
71.6	708.6	Siltstone
71.9	708.3	Coal
74.4	705.9	Shale Gray
75.6	704.7	Sandstone
77.4	702.8	Shale Gray
78.6	701.6	Sandstone
80.2	700.1	Coal
81.1	699.2	Siltstone
86.6	693.7	Shale Gray
87.5	692.8	Sandstone
89.0	691.3	Shale Gray
91.4	688.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 27-053-04 W5M**

Well Number **07986**

Well Owner: **Sorich, Doug**

Elevation (AMSL) (m): **780**

AEP: **414872**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **33,361.58**

Date Started: **20 Nov 94**

Northing: **5,936,909.50**

Date Completed: **24 Nov 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **7.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **18.3** to **19.8** Size: **0.02**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **11.2**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	776.0	Clay Brown
18.3	762.0	Clay Blue
19.8	760.5	Sand & Gravel
21.3	758.9	Gravel Cemented

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-29-053-04 W5M

Well Number 07987

Well Owner: **Trans Alta**

Elevation (AMSL) (m): **792**

AEP: **369166**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **30,135.86**

Date Started: **14 Mar 93**

Northing: **5,936,773.00**

Date Completed: **14 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **13.7**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **11.6** Bottom (m): **45.7**  
 Perforated How: **Machine**  
 from (m): **11.6** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **18.3**  
 Rec'd intake (m): **38.1** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	787.2	Clay
5.8	786.2	Sand & Rocks
7.9	784.1	Gravel
11.3	780.8	Sandstone Soft
20.4	771.6	Shale
21.6	770.4	Sandstone
22.9	769.2	Shale Gray
24.1	768.0	Sandstone
24.4	767.7	Shale & Coal Brown
27.7	764.3	Coal
29.0	763.1	Shale Gray
29.3	762.8	Coal
29.9	762.2	Shale Bentonitic
30.2	761.9	Coal
30.5	761.6	Bentonite
31.1	760.9	Coal
31.4	760.6	Bentonite
32.3	759.7	Coal
32.6	759.4	Shale Brown
32.9	759.1	Coal
33.5	758.5	Bentonite
34.8	757.3	Coal
39.3	752.7	Shale Green
45.7	746.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

01-29-053-04 W5M

Well Number 07988

Well Owner: **Trans Alta #Dw 93 12**

Elevation (AMSL) (m): **792**

AEP: **379697**

Licence No.:

Easting: **30,135.86**

Drilling Contractor: *Midwest Water Well Ltd.*

Date Started: **23 Sep 93**

Northing: **5,936,782.50**

Date Completed: **23 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **42.7** (m)  
 NPWL (m): **18.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.0**  
**Liner:**  
 Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **16.5** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **24.7**  
 Rec'd intake (m): **39.9** Rec'd Rate (lpm): **228.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	789.0	Muskeg
10.1	782.3	Gravel
11.0	781.3	Sand
12.8	779.5	Clay
17.1	775.2	Sandstone
21.3	771.0	Sandstone Gray
22.3	770.1	Coal Bentonitic
25.0	767.3	Coal
26.2	766.1	Shale Gray
26.8	765.5	Coal
27.7	764.6	Shale Brown
28.4	764.0	Coal
28.7	763.7	Bentonite
29.6	762.8	Coal
30.2	762.1	Shale & Coal Brown
42.7	749.6	Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 29-053-04 W5M**

Well Number **07989**

Well Owner: **Trans Alta #Dw 95 04**

Elevation (AMSL) (m): **785**

AEP: **414874**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **29,936.55**

Date Started: **18 Apr 95**

Northing: **5,937,018.50**

Date Completed: **18 Apr 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Dewatering**  
 Completed Depth **44.8** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.8**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **20.4** Bottom (m): **44.8**  
 Perforated How: **Machine**  
 from (m): **20.4** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **44.8**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **44.8** Drawdown (m): **11.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	783.5	Till
3.1	782.0	Clay Brown
8.2	776.8	Clay Gray
10.7	774.3	Gravel
12.2	772.8	Sand
14.3	770.7	Bentonite
15.2	769.8	Sand
18.9	766.1	Shale Bentonitic
22.9	762.2	Shale Gray
26.2	758.8	Coal
27.7	757.3	Shale Gray
28.0	757.0	Coal
29.0	756.1	Shale Brown
29.3	755.8	Bentonite
29.9	755.1	Coal
30.5	754.5	Shale Bentonitic
31.1	753.9	Coal
32.0	753.0	Shale Carbonaceous
32.9	752.1	Shale Bentonitic
33.5	751.5	Coal
35.4	749.7	Shale Green
38.4	746.6	Sandstone
39.0	746.0	Shale Gray
40.2	744.8	Shale Green
41.8	743.3	Shale Brown
44.8	740.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-05 W5M**

Well Number **08004**

Well Owner: **Merrills, Craig**

Elevation (AMSL) (m): **726**

AEP: **366635**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **22,390.98**

Date Started: **29 Sep 92**

Northing: **5,930,213.50**

Date Completed: **30 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.8** Bottom (m): **33.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **33.8**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **33.8** Bottom (m): **68.6**  
 Perforated How:  
 from (m): **34.8** to **68.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **39.6** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	721.9	Sand & Coal
8.5	717.0	Clay Blue
12.2	713.4	Shale Soft Gray
25.9	699.6	Shale Brittle
39.6	685.9	Shale Hard Dark Gray
56.4	669.2	Shale Sandy Gray
58.8	666.7	Shale Gray
61.0	664.6	Shale & Coal Brown
62.2	663.4	Sandstone
64.9	660.6	Shale Gray
65.5	660.0	Shale & Coal Brown
68.6	657.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-05 W5M**

Well Number **08005**

Well Owner: **Stachniak, J**

Elevation (AMSL) (m): **726**

AEP: **361100**

Licence No.:

Easting: **22,390.98**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Date Started: **23 May 91**

Northing: **5,930,213.50**

Date Completed: **24 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **14.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **38.1**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **230v** Intake (m): **30.5**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **24.4** Drawdown (m): **10.4**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	723.1	Clay Brown
3.1	722.5	Clay & Sand Blue
5.5	720.1	Clay Blue
6.7	718.8	Sand Brown
10.7	714.9	Clay Blue
12.8	712.8	Sand Coarse Grained Blue
19.2	706.4	Clay Dark Blue
34.1	691.4	Shale Dark Gray
39.0	686.5	Shale Light Gray
42.7	682.9	Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 03-053-05 W5M**

Well Number **08006**

Well Owner: **Stachniak, J.**

Elevation (AMSL) (m): **726**

AEP: **379123**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **22,390.98**

Date Started: **18 Sep 93**

Northing: **5,930,213.50**

Date Completed: **19 Sep 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **48.2**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	723.1	Clay Brown
5.5	720.1	Clay Blue
6.7	718.8	Sand
10.7	714.9	Clay Blue
19.2	706.4	Clay Blue
34.1	691.4	Shale Gray
39.0	686.5	Shale Light Gray
42.1	683.5	Sandstone Blue
48.8	676.8	Shale Gray
51.8	673.7	Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

02-04-053-05 W5M

Well Number 08007

Well Owner: **Ayre, John**

Elevation (AMSL) (m): **731**

AEP: **350635**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **21,626.42**

Date Started: **12 Apr 90**

Northing: **5,930,134.50**

Date Completed: **17 Apr 90**

**General:**

Type of Work: **New Well**  
Drilling Method: **Cable Tool**  
Well Use: **Domestic**  
Completed Depth **35.0** (m)  
NPWL (m): **6.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **17.4** Bottom (m): **17.4**  
OD (mm): **139.7** Thickness (mm): **0.1**  
Seal Type: **Driven**  
from (m): to **17.4**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **16.8** Bottom (m): **35.0**  
Perforated How: **Torch**  
from (m): **16.8** to **35.0** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **27.4**

**Testing:**

Rate (lpm): **9.1** Time (minute): **120.0**  
Level End (m): **12.8** Drawdown (m): **6.7**  
Rec'd intake (m): **27.4** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	723.4			Clay
23.5	707.5			Shale & Coal Gray
25.0	706.0			Shale Green
32.0	699.0			Shale & Coal Gray
35.0	696.0			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 04-053-05 W5M**

Well Number **08008**

Well Owner: **Beatty, Kenneth**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **718**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361721**  
 Easting: **21,849.02**  
 Northing: **5,930,286.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 04-053-05 W5M**

Well Number **08009**

Well Owner: **Berezanski, J.C.**

Elevation (AMSL) (m): **726**

AEP: **350632**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **22,227.18**

Date Started: **02 Apr 90**

Northing: **5,930,305.00**

Date Completed: **04 Apr 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **59.4** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.0** Bottom (m): **59.4**  
 Perforated How: **Torch**  
 from (m): **41.2** to **59.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Goulds** Intake (m): **54.9**

**Testing:**

Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	723.7			Topsoil
6.1	719.4			Till
30.5	695.1			Shale & Coal Soft
41.2	684.4			Shale Gray
57.9	667.6			Sand Gray
59.4	666.1			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 04-053-05 W5M**

Well Number **08010**

Well Owner: **Jaschke, Gerry**

Elevation (AMSL) (m): **718**

AEP: **350634**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **21,849.02**

Date Started: **19 Apr 90**

Northing: **5,930,286.50**

Date Completed: **20 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **15.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **12.2** Bottom (m): **30.5**  
 Perforated How: **Torch**  
 from (m): **12.2** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **10.7**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	717.1	Topsoil
6.1	711.9	Clay
10.7	707.3	Shale Soft Gray
16.8	701.2	Shale Green
29.0	689.1	Shale & Coal Gray
30.5	687.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 04-053-05 W5M**

Well Number **08011**

Well Owner: **Mikasko, Dennis**  
 Drilling Contractor: *Big Iron Drilling Ltd.*

Elevation (AMSL) (m): **718**      AEP: **350633**  
 Licence No.:                      Easting: **21,849.02**  
 Date Started: **05 Apr 90**      Northing: **5,930,286.50**  
 Date Completed: **11 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **76.2** (m)  
 NPWL (m): **9.1**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **23.8**      Bottom (m): **23.8**  
 OD (mm): **139.7**      Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m):      to **23.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm): **0.1**  
 Top (m): **21.3**      Bottom (m): **33.5**  
 Perforated How: **Torch**  
 from (m): **33.5**      to **21.3**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump: Sub**  
 Model: **Goulds**      Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **45.6**      Time (minute): **120.0**  
 Level End (m): **27.4**      Drawdown (m): **18.3**  
 Rec'd intake (m): **27.4**      Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	711.9	Till
29.0	689.1	Shale & Coal
32.0	686.0	Shale Green
33.5	684.5	Shale Brown
53.3	664.7	Shale Gray
54.3	663.8	Sandstone
61.6	656.4	Shale Gray
70.1	647.9	Sand Gray
76.2	641.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 04-053-05 W5M**

Well Number **08012**

Well Owner: **Bamforth, Howard/Enid**

Elevation (AMSL) (m): **723**

AEP: **366983**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **21,028.28**

Date Started: **12 Aug 92**

Northing: **5,930,317.50**

Date Completed: **13 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **11.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Other**  
 from (m): to **14.3**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **11.3** Bottom (m): **35.7**  
 Perforated How: **Saw**  
 from (m): **14.3** to **35.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **13.4** Drawdown (m): **4.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	718.4	Clay Hard Blue
5.5	717.5	Coal
8.5	714.5	Shale & Coal
15.2	707.8	Shale & Coal Gray
16.8	706.2	Shale Hard Gray
24.1	698.9	Shale & Coal Brown
29.6	693.4	Shale Green
34.1	688.9	Shale Sandy Gray
36.6	686.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 04-053-05 W5M**

Well Number **08013**

Well Owner: **Kehr, Brent**

Elevation (AMSL) (m): **723**

AEP: **373954**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **21,028.28**

Date Started: **16 Aug 93**

Northing: **5,930,317.50**

Date Completed: **17 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **26.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **42.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.5** Bottom (m): **109.7**  
 Perforated How: **Saw**  
 from (m): **67.1** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **91.4**

**Testing:**

Rate (lpm): **6.8** Time (minute): **600.0**  
 Level End (m): **85.3** Drawdown (m): **58.8**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.3	718.7	Clay Yellow
11.0	712.0	Coal
12.8	710.2	Shale Green
27.7	695.3	Shale Gray
28.7	694.4	Sandstone
36.9	686.1	Shale Gray
37.5	685.5	Shale & Coal Brown
48.5	674.5	Shale Gray
64.6	658.4	Sandstone
65.5	657.5	Shale Green
68.3	654.7	Sandstone
69.2	653.8	Shale & Coal Brown
71.9	651.1	Shale Green
73.8	649.2	Sandstone
74.7	648.3	Shale & Coal Brown
93.3	629.7	Shale Gray
93.9	629.1	Shale & Coal Brown
96.9	626.1	Shale Gray
98.5	624.6	Sandstone
100.6	622.4	Shale Gray
107.3	615.7	Sandstone
109.7	613.3	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 04-053-05 W5M**

Well Number **08014**

Well Owner: **Sunley, John F.**

Elevation (AMSL) (m): **723**

AEP: **373955**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **21,028.28**

Date Started: **18 Aug 93**

Northing: **5,930,317.50**

Date Completed: **19 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **93.6** (m)  
 NPWL (m): **23.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.8** Bottom (m): **41.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **2.7** to **41.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **40.8** Bottom (m): **93.6**  
 Perforated How: **Saw**  
 from (m): **48.8** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **93.6**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **70.1** Drawdown (m): **46.6**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **4.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	718.7	Clay Yellow
8.2	714.8	Clay Blue
20.1	702.9	Coal
27.7	695.3	Shale Green
36.3	686.7	Shale Gray
50.0	673.0	Shale Greenish Gray
66.8	656.3	Sandstone
70.4	652.6	Shale Green
71.3	651.7	Shale & Coal Brown
75.0	648.0	Sandstone
75.6	647.4	Shale & Coal Brown
80.2	642.8	Shale Gray
81.1	641.9	Shale & Coal Brown
83.2	639.8	Sandstone
85.3	637.7	Shale Gray
86.6	636.4	Clay & Coal Blue
88.7	634.3	Sandstone
89.9	633.1	Clay & Coal Blue
93.0	630.0	Sandstone
93.6	629.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-053-05 W5M**

Well Number **08015**

Well Owner: **Petrovatch, Sandy**

Elevation (AMSL) (m): **720**

AEP: **351711**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **20,215.15**

Date Started: **11 Jun 90**

Northing: **5,930,317.50**

Date Completed: **11 Jun 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **18.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **45.7**  
 Perforated How: **Machine**  
 from (m): **33.5** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **33.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	713.0			Clay Yellow
10.7	709.3			Shale Gray
15.2	704.8			Coal
27.4	692.6			Shale Gray
29.0	691.1			Sandstone Brown
36.6	683.4			Shale & Coal Gray
41.2	678.9			Shale & Sandstone Brown
45.7	674.3			Shale Light Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-053-05 W5M**

Well Number **08016**

Well Owner: **Macleod, Donald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **716**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356927**  
 Easting: **19,685.03**  
 Northing: **5,930,296.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **42.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

09-06-053-05 W5M

Well Number 08017

Well Owner: **Alta Env #1337e (B)**

Elevation (AMSL) (m): **724**

AEP: **401744**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **18,774.52**

Date Started:

Northing: **5,930,904.97**

Date Completed:

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by Mow-Tech in 10TM NAD 27

09-06-053-05 W5M

Well Number 08018

Well Owner: **Alta Env #1337e (J2)**

Elevation (AMSL) (m): **724**

AEP: **401743**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **18,774.52**

Date Started:

Northing: **5,930,904.97**

Date Completed: **21 Oct 74**

**General:**

Type of Work: **Piezometer**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	721.0	Organic Matter
19.8	704.2	Siltstone Brownish Gray
27.4	696.6	Siltstone Carbonaceous Brownis
32.0	692.0	Sandstone Very Fine Grained Br
33.5	690.5	Shale Brownish Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27



**NW 06-053-05 W5M**

Well Number **08019**

Well Owner: **Gallagher**

Elevation (AMSL) (m): **732**

AEP: **367378**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,486.95**

Date Started: **01 Jun 92**

Northing: **5,931,399.00**

Date Completed: **01 Jun 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **8.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **27.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **36.6**  
 Perforated How: **Saw**  
 from (m): **29.0** to **35.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **12.5** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	727.4	Sand
8.5	723.7	Sandstone Brown
12.8	719.5	Shale Gray
23.2	709.1	Sandstone Blue
25.3	707.0	Coal
26.5	705.8	Sandstone Blue
28.7	703.6	Sand & Shale Gray
31.1	701.2	Sandstone Blue
33.5	698.7	Coal
34.4	697.8	Sandstone Brown
36.0	696.3	Sandstone Blue
36.6	695.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-05 W5M**

Well Number **08020**

Well Owner: **Irwin, R.W (Wally)**

Elevation (AMSL) (m): **732**

AEP: **358455**

Licence No.:

Easting: **17,486.95**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Date Started: **05 Jun 91**

Northing: **5,931,399.00**

Date Completed: **05 Jun 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **103.0** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.3** Bottom (m): **102.4**  
 Perforated How: **Machine**  
 from (m): **47.2** to **102.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Goulds**  
 Model: **5g05412** Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **67.1** Drawdown (m): **66.1**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	714.6	Sand Brown
18.0	714.3	Sandstone
27.4	704.8	Clay Soft
28.7	703.6	Shale Gray
29.6	702.7	Shale & Coal
29.9	702.4	Sandstone Gray
40.8	691.4	Shale Gray
44.8	687.5	Shale & Sandstone Ledges
50.0	682.3	Shale & Coal
57.9	674.4	Shale & Sandstone Ledges
67.1	665.2	Sand Fine Grained Gray
71.3	661.0	Shale Gray
78.3	653.9	Shale & Coal
80.5	651.8	Shale Gray
103.0	629.3	Sandstone Fine Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 06-053-05 W5M**

Well Number **08021**

Well Owner: **Moffat, Norma L.**

Elevation (AMSL) (m): **732**

AEP: **357299**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,486.95**

Date Started: **02 May 91**

Northing: **5,931,399.00**

Date Completed: **02 May 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.3** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.8** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **30.5** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **41.2**  
 Rec'd intake (m): **52.7** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	731.7	Clay Brown
1.5	730.8	Gravel
7.3	725.0	Sand Brown
7.9	724.4	Sandstone Gray
11.6	720.7	Sand Gray
13.1	719.2	Shale Brown
17.1	715.2	Sand Gray
19.5	712.8	Sandstone Gray
21.6	710.6	Sand Gray
28.0	704.2	Coal
29.6	702.7	Shale Gray
31.7	700.6	Sandstone Fine Grained Gray
35.7	696.6	Shale & Coal
38.7	693.6	Shale Sandy Gray
44.5	687.8	Shale & Coal
50.0	682.3	Sandstone Gray
57.3	675.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 06-053-05 W5M**

Well Number **08022**

Well Owner: **Macioch, Steve**

Elevation (AMSL) (m): **727**

AEP: **350353**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **17,775.82**

Date Started: **29 Mar 90**

Northing: **5,930,306.00**

Date Completed: **30 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic & Stock**  
 Completed Depth **41.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **41.2**  
 Perforated How: **Torch**  
 from (m): **16.8** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	717.4	Shale Yellow
13.7	712.9	Sandstone Gray
27.4	699.2	Shale & Coal
38.1	688.5	Shale & Sandstone Gray
40.2	686.4	Shale Green
41.2	685.4	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 07-053-05 W5M**

Well Number **08023**

Well Owner: **Cameron**

Elevation (AMSL) (m): **759**

AEP: **353950**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **18,345.04**

Date Started: **15 Oct 90**

Northing: **5,933,217.50**

Date Completed: **16 Oct 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **21.9** Bottom (m): **21.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **27.4**  
 Perforated How: **Machine**  
 from (m): **21.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **15.2**

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **4.0** Drawdown (m): **2.7**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	757.6	Sand & Rocks
4.9	754.5	Sandstone Hard
9.1	750.3	Sandstone Soft
10.4	749.1	Shale Soft
11.3	748.1	Sandstone
13.4	746.0	Siltstone
14.6	744.8	Sandstone Soft Gray
20.7	738.7	Sandstone Soft Greenish Gray
21.6	737.8	Shale
21.9	737.5	Shale Hard
22.9	736.6	Coal
23.8	735.7	Shale
25.3	734.1	Coal
25.9	733.5	Shale
27.4	732.0	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 07-053-05 W5M**

Well Number **08024**

Well Owner: **Ginder, Stefan**

Elevation (AMSL) (m): **759**

AEP: **350789**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **18,345.04**

Date Started: **07 Feb 90**

Northing: **5,933,217.50**

Date Completed: **07 Feb 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.8** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **30.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **41.8**  
 Perforated How: **Machine**  
 from (m): **35.7** to **41.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **6.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	758.5			Clay Sandy Brown
2.7	756.7			Clay
7.3	752.1			Sand Brown
20.7	738.7			Sand Brown
28.0	731.4			Sand Brown
28.7	730.8			Sandstone Gray
30.2	729.3			Sand Gray
30.5	728.9			Sandstone Gray
32.3	727.1			Sand Fine Grained Gray
32.6	726.8			Sandstone Gray
37.8	721.6			Sand Gray
40.8	718.6			Sand Coarse Grained
41.5	718.0			Shale Gray
41.8	717.7			Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-053-05 W5M**

Well Number **08025**

Well Owner: **Holmes, Sharon**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **759**  
 Licence No.:  
 Date Started:  
 Date Completed: **18 Aug 95**  
 AEP: **418393**  
 Easting: **18,345.04**  
 Northing: **5,933,217.50**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **25.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 07-053-05 W5M**

Well Number **08026**

Well Owner: **Narbonne, Marcel**

Elevation (AMSL) (m): **759**

AEP: **362770**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **18,345.04**

Date Started: **28 Nov 91**

Northing: **5,933,217.50**

Date Completed: **29 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **20.4**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **17.4** Bottom (m): **35.7**  
 Perforated How: **Saw**  
 from (m): **17.4** to **35.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **6.1** Drawdown (m): **4.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	753.9	Sand Black
13.4	746.0	Clay Yellow
13.7	745.7	Shale Sandy Gray
18.3	741.1	Clay Yellow
20.1	739.3	Shale Sandy Yellow
21.3	738.1	Shale Greenish Gray
21.6	737.8	Shale Dark Brown
35.0	724.4	Coal
36.6	722.9	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 07-053-05 W5M**

Well Number **08027**

Well Owner: **Timoteo, Enzo**

Elevation (AMSL) (m): **759**

AEP: **360026**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **18,345.04**

Date Started: **23 Aug 88**

Northing: **5,933,217.50**

Date Completed: **23 Aug 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **41.2**  
 Perforated How: **Machine**  
 from (m): **30.5** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Goulds**

Model: **7g05412** Intake (m): **33.5**

**Testing:**

Rate (lpm): **77.5** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **5.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	756.7			Clay & Sand
14.0	745.4			Sand Brown
14.3	745.1			Sandstone Brown
19.2	740.2			Sand Brown
20.7	738.7			Sandstone Brown
30.8	728.6			Sand Brown
33.5	725.9			Sand Fine Grained Gray
37.8	721.6			Sandstone Gray
38.4	721.0			Shale Gray
41.2	718.3			Sand Fine Grained Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 07-053-05 W5M**

Well Number **08028**

Well Owner: **Wacken, Mr.**

Elevation (AMSL) (m): **759**

AEP: **353951**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **18,345.04**

Date Started: **12 Oct 90**

Northing: **5,933,217.50**

Date Completed: **12 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **21.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **27.4**  
 Perforated How: **Machine**  
 from (m): **21.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **9.1**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **4.3** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.1	757.3	Sand
10.7	748.8	Clay Sandy
13.7	745.7	Sandstone Green
14.6	744.8	Sandstone Hard Gray
17.7	741.7	Sandstone Green
20.7	738.7	Sandstone Soft Gray
22.9	736.6	Sandstone
23.8	735.7	Coal
24.1	735.3	Shale
24.7	734.7	Coal
25.9	733.5	Shale
27.4	732.0	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 07-053-05 W5M**

Well Number **08029**

Well Owner: **Albo, Lou**

Elevation (AMSL) (m): **760**

AEP: **376554**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,763.79**

Date Started: **12 Aug 93**

Northing: **5,932,890.50**

Date Completed: **12 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.3** (m)  
 NPWL (m): **20.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **26.8** Bottom (m): **26.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **26.2** Bottom (m): **36.3**  
 Perforated How: **Machine**  
 from (m): **32.9** to **36.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **7.0**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.8	757.8			Sand Brown
4.3	755.3			Clay Sandy Brown
10.4	749.2			Sand Brown
14.0	745.6			Sand & Sandstone Brown
19.5	740.1			Sand Brown
20.1	739.5			Sandstone Brown
25.9	733.7			Sand Brown
27.1	732.5			Sand Gray
27.7	731.8			Sandstone Gray
32.3	727.3			Sand Gray
34.1	725.4			Sand & Sandstone Gray
36.3	723.3			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-05 W5M**

Well Number **08030**

Well Owner: **Holgersen, Lene**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **449047**  
 Easting: **17,763.79**  
 Northing: **5,932,890.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Jul 85**

pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>812.0</b>	SAR	Nickel
TDS	<b>485.0</b>	TKN	<b>0.03</b>
Sodium	<b>164.91</b>	Nitrate	<b>0.03</b>
Potassium	<b>1.96</b>	Nitrite	Strontium
Calcium	<b>33.07</b>	TN	Molybdenum
Magnesium	<b>4.99</b>	TC	Vanadium
Carbonate		DIC	Zinc
Bicarbonate	<b>542.99</b>	Arsenic	Hydroxide
Aluminum		Barium	Total Hardness <b>103.00</b>
Sulphate	<b>10.09</b>	Beryllium	Manganese
Chloride		Cadium	Phosphate
Fluoride	<b>0.18</b>	Chromium	Ion Balance <b>1.01</b>
Iron	<b>1.23</b>	Cobalt	Amm. Nitrogen
TOC		Copper	Total Phosphate
Silica	<b>19.60</b>	Lead	Total Alkalinity <b>445.0</b>
			Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 07-053-05 W5M**

Well Number **08031**

Well Owner: **Lockhart Construction Group**

Elevation (AMSL) (m): **760**

AEP: **368601**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,763.79**

Date Started: **22 Oct 92**

Northing: **5,932,890.50**

Date Completed: **22 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.5** Bottom (m): **15.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **15.5**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **12.5** Bottom (m): **36.9**  
 Perforated How: **Saw**  
 from (m): **12.5** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	754.1	Clay & Sandstone
6.4	753.2	Sandstone
9.1	750.4	Sandstone Soft Yellow
10.4	749.2	Sandstone
15.2	744.3	Shale Sandy Yellow
16.5	743.1	Shale Green
19.5	740.1	Shale Sandy Gray
26.8	732.8	Coal
28.4	731.2	Shale Gray
34.4	725.1	Shale & Coal Brown
36.6	723.0	Shale Gray
37.8	721.8	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 07-053-05 W5M**

Well Number **08032**

Well Owner: **Mathews, Brian**

Elevation (AMSL) (m): **760**

AEP: **365320**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **17,763.79**

Date Started: **22 Jun 92**

Northing: **5,932,890.50**

Date Completed: **27 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **29.9**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **4.3** Bottom (m): **29.6**  
 Perforated How: **Saw**  
 from (m): **30.2** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Berkley 10m7** Intake (m): **12.2**

**Testing:**

Rate (lpm): **63.9** Time (minute): **180.0**  
 Level End (m): **12.2** Drawdown (m): **9.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
9.1	750.4			Sand Coarse Grained Gray
11.6	748.0			Shale
20.7	738.9			Sandstone
21.3	738.3			Shale
27.4	732.2			Sandstone
29.0	730.6			Gravel
30.5	729.1			Shale
39.0	720.6			Coal
42.7	716.9			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 07-053-05 W5M**

Well Number **08033**

Well Owner: **Roper, Lyall**

Elevation (AMSL) (m): **760**

AEP: **376555**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,763.79**

Date Started: **18 May 93**

Northing: **5,932,890.50**

Date Completed: **18 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **30.5**  
 Perforated How: **Machine**  
 from (m): **21.3** to **24.4** Size:  
 from (m): **27.4** to **30.5** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould Teh05** Intake (m): **9.1**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **9.1** Drawdown (m): **6.7**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	754.4			Sand Brown
5.8	753.8			Sand & Boulders Gray
7.9	751.7			Sand Brown
10.4	749.2			Shale Sandy Gray
12.5	747.1			Sand Gray
17.7	741.9			Coal Fractured
20.4	739.2			Shale Light Gray
22.6	737.0			Coal
23.5	736.1			Shale & Coal
25.3	734.3			Coal
28.7	730.9			Shale Bentonitic Green
30.5	729.1			Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-053-05 W5M**

Well Number **08034**

Well Owner: **Derosa, Tony**

Elevation (AMSL) (m): **733**

AEP: **400388**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **17,476.34**

Date Started: **05 Mar 93**

Northing: **5,931,840.00**

Date Completed: **05 Mar 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.1** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.3** Bottom (m): **42.1**  
 Perforated How: **Machine**  
 from (m): **34.4** to **42.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **31.4**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **31.4** Drawdown (m): **6.7**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	729.5	Clay Sandy Brown
10.4	722.8	Sand Brown
11.0	722.2	Sandstone Gray
16.8	716.4	Sand Brown
17.4	715.8	Sandstone Brownish Gray
24.1	709.1	Sand Coarse Grained Brown
26.5	706.7	Shale Sandy Brown
31.7	701.5	Sand Brown
32.3	700.9	Sand Brownish Gray
34.8	698.4	Sand Fine Grained Gray
37.5	695.7	Sand Coarse Grained
38.7	694.5	Shale Gray
42.1	691.1	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SE 07-053-05 W5M**

Well Number **08035**

Well Owner: **Tessier, Marcel/Marianne**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **733**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356928**  
 Easting: **17,476.34**  
 Northing: **5,931,840.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-05 W5M**

Well Number **08036**

Well Owner: **Bray, Stan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356929**  
 Easting: **17,530.70**  
 Northing: **5,932,085.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-05 W5M**

Well Number **08037**

Well Owner: **Burke Perry Homes/Davidson, B**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **752**      AEP: **372472**  
 Licence No.:                              Easting: **17,530.70**  
 Date Started: **21 Jun 93**      Northing: **5,932,085.00**  
 Date Completed: **22 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.7** (m)  
 NPWL (m): **3.7**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **19.5**      Bottom (m): **19.5**  
 OD (mm): **152.4**      Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m):      to **19.5**  
**Liner:**  
 Type:  
 OD (mm): **127.0**      Thickness (mm): **0.1**  
 Top (m): **16.1**      Bottom (m): **27.7**  
 Perforated How: **Saw**  
 from (m): **16.1**      to **27.7**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m):  
**Testing:**  
 Rate (lpm): **63.9**      Time (minute): **420.0**  
 Level End (m): **6.1**      Drawdown (m): **2.4**  
 Rec'd intake (m): **6.1**      Rec'd Rate (lpm): **63.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	749.4	Boulders
5.5	746.7	Clay Sandy Yellow
6.1	746.1	Shale Brown
10.7	741.5	Shale Sandy Yellow
18.9	733.3	Coal
21.9	730.2	Shale Gray
27.4	724.7	Coal
28.7	723.5	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08038**

Well Owner: **Caley**

Elevation (AMSL) (m): **752**

AEP: **369404**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **02 Jun 93**

Northing: **5,932,085.00**

Date Completed: **03 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **1.5**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Saw**  
 from (m): **19.8** to **22.9** Size:  
 from (m): **22.9** to **29.0** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	748.5			Sand
8.2	743.9			Sandstone Soft Brown
12.8	739.4			Coal
14.0	738.1			Shale Brown
17.7	734.5			Coal
20.4	731.7			Shale Gray
23.8	728.4			Sandstone Blue
25.9	726.2			Sand & Rocks Blue
26.8	725.3			Coal
30.2	722.0			Sandstone Blue
31.1	721.1			Shale Brown
39.6	712.5			Sandstone Blue
42.7	709.5			Shale Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 07-053-05 W5M**

Well Number **08039**

Well Owner: **Cooper, Tom**

Elevation (AMSL) (m): **752**

AEP: **364119**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **27 Mar 92**

Northing: **5,932,085.00**

Date Completed: **27 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **28.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **22.9**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **18.9** Bottom (m): **27.7**  
 Perforated How: **Machine**  
 from (m): **18.9** to **27.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **420.0**  
 Level End (m): **12.2** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	743.0	Sand
12.2	740.0	Clay Blue
13.1	739.0	Sandstone
14.0	738.1	Clay Blue
15.9	736.3	Sandstone Yellow
19.2	733.0	Coal
22.6	729.6	Clay Blue
24.4	727.8	Shale Gray
28.7	723.5	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08040**

Well Owner: **Craig, P**

Elevation (AMSL) (m): **752**

AEP: **352829**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **28 May 90**

Northing: **5,932,085.00**

Date Completed: **29 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **28.4** Bottom (m): **28.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.0**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **24.4**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **22.6**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
2.4	749.7		Sand
4.3	747.9		Clay
7.9	744.2		Sand
15.9	736.3		Clay Silty
20.7	731.4		Sand Clayey Gray
23.5	728.7		Coal
25.9	726.2		Shale Gray
26.5	725.6		Coal
27.4	724.7		Shale Gray
35.4	716.8		Sandstone Fine Grained Blue
36.6	715.6		Shale Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08041**

Well Owner: **Deane, Gordon/Nola**

Elevation (AMSL) (m): **752**

AEP: **372473**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **16 Aug 93**

Northing: **5,932,085.00**

Date Completed: **16 Aug 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **34.4** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **27.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **25.9** Bottom (m): **33.5**  
 Perforated How: **Saw**  
 from (m): **25.9** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **4.6** Drawdown (m):  
 Rec'd intake (m): **4.6** Rec'd Rate (lpm): **91.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.6	744.5			Sand
15.2	736.9			Clay Soft Blue
16.5	735.7			Sandstone
26.8	725.3			Shale Sandy Yellow
28.4	723.8			Shale Greenish Gray
34.4	717.7			Shale & Coal Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 07-053-05 W5M**

Well Number **08042**

Well Owner: **Forest, Bob**

Elevation (AMSL) (m): **752**

AEP: **365319**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **17 Jun 92**

Northing: **5,932,085.00**

Date Completed: **18 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **42.1**

**Liner:**

Type:  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Top (m): **3.4** Bottom (m): **42.1**  
 Perforated How: **Saw**  
 from (m): **17.7** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **18.3**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.4	748.8			Clay & Sand
5.5	746.7			Sandstone
10.7	741.5			Shale
18.3	733.9			Sandstone
25.6	726.6			Coal
27.4	724.7			Shale
27.7	724.4			Coal
29.0	723.2			Shale
29.6	722.6			Coal
30.2	722.0			Shale
33.5	718.6			Coal
42.7	709.5			Shale Dry
45.7	706.4			Sandstone Dry
54.9	697.3			Shale Dry

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 07-053-05 W5M**

Well Number **08043**

Well Owner: **Jones, Garret**

Elevation (AMSL) (m): **752**

AEP: **443286**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **17,530.70**

Date Started: **22 Jun 95**

Northing: **5,932,085.00**

Date Completed: **22 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **23.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **41.2**  
 Perforated How: **Saw**  
 from (m): **24.4** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **28.0**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	747.6	Sand
12.8	739.4	Shale Brown
21.3	730.8	Coal
29.0	723.2	Shale Gray
36.6	715.6	Shale Green
41.2	711.0	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08044**

Well Owner: **Keating, Darlene**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366682**  
 Easting: **17,530.70**  
 Northing: **5,932,085.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-05 W5M**

Well Number **08045**

Well Owner: **Laskin Farms Ltd #3**

Elevation (AMSL) (m): **752**

AEP: **443282**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **17,530.70**

Date Started: **24 Jun 95**

Northing: **5,932,085.00**

Date Completed: **26 Jun 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **2.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **PI**  
 OD (mm): **1.5**  
 from (m): **18.3** to **30.5** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **22.9**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **22.9** Drawdown (m): **20.7**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	743.0	Sand
24.4	727.8	Clay
27.4	724.7	Sand & Coal
30.5	721.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08046**

Well Owner: **Mcmullen, Gene/Sharen**

Elevation (AMSL) (m): **752**

AEP: **406444**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **17,530.70**

Date Started: **15 May 95**

Northing: **5,932,085.00**

Date Completed: **15 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.4** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **26.5** Bottom (m): **26.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **26.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.0** Bottom (m): **35.4**  
 Perforated How: **Saw**  
 from (m): **28.7** to **35.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **35.4**

**Testing:**

Rate (lpm): **95.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **23.8**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	747.9			Sand
24.1	728.1			Clay Blue
24.7	727.5			Sandstone
28.7	723.5			Shale Gray
29.3	722.9			Shale & Coal Brown
31.1	721.1			Sandstone
31.7	720.5			Shale & Coal Brown
34.4	717.7			Sandstone
35.4	716.8			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08047**

Well Owner: **Melner, Jay**

Elevation (AMSL) (m): **752**

AEP: **352830**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **08 Sep 90**

Northing: **5,932,085.00**

Date Completed: **08 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.1**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **30.5**  
 Perforated How: **Other**  
 from (m): **25.9** to **29.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **18.3**

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **120.0**  
 Level End (m): **12.2** Drawdown (m): **11.0**  
 Rec'd intake (m): **20.7** Rec'd Rate (lpm): **54.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	750.6	Sand
7.9	744.2	Clay Blue
12.8	739.4	Clay Sandy Blue
15.5	736.6	Clay Blue
18.9	733.3	Sand
20.7	731.4	Coal
23.5	728.7	Clay Blue
25.3	726.9	Shale Gray
27.4	724.7	Coal
29.6	722.6	Sandstone Blue
30.5	721.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08048**

Well Owner: **Newton, John B**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366448**  
 Easting: **17,530.70**  
 Northing: **5,932,085.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **31.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-05 W5M**

Well Number **08049**

Well Owner: **Pete'S Second Hand Store**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **752**                      AEP: **372474**  
 Licence No.:    Easting: **17,530.70**  
 Date Started: **06 Jul 93**                      Northing: **5,932,085.00**  
 Date Completed: **06 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **4.6**                      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **17.7**                      Bottom (m): **17.7**  
 OD (mm): **152.4**                      Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m):                      to **17.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0**                      Thickness (mm): **0.1**  
 Top (m): **13.4**                      Bottom (m): **31.1**  
 Perforated How: **Saw**  
 from (m): **13.4**                      to **31.1**                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
**Open Hole:**  
 from (m):                      to  
**Pump:**  
 Model:    Intake (m):  
**Testing:**  
 Rate (lpm): **22.8**                      Time (minute): **420.0**  
 Level End (m): **9.1**                      Drawdown (m): **4.6**  
 Rec'd intake (m): **9.1**                      Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	751.2	Clay Yellow
3.7	748.5	Sandstone
4.6	747.6	Clay Yellow
19.8	732.3	Sandstone
32.0	720.2	Shale & Coal Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 07-053-05 W5M**

Well Number **08050**

Well Owner: **Roper, Ronald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361722**  
 Easting: **17,530.70**  
 Northing: **5,932,085.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 07-053-05 W5M**

Well Number **08051**

Well Owner: **Smith, Brian**

Elevation (AMSL) (m): **752**

AEP: **357767**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,530.70**

Date Started: **10 Aug 83**

Northing: **5,932,085.00**

Date Completed: **11 Aug 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **22.9**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **21.3**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **14.0**  
 Rec'd intake (m): **21.9** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	741.8	Sand
14.3	737.8	Sandstone Brown
20.7	731.4	Coal
22.3	729.9	Sand & Rocks
25.0	727.2	Shale Gray
29.9	722.3	Shale & Coal
30.5	721.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 07-053-05 W5M**

Well Number **08052**

Well Owner: **Stepanovich, W.I.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **357768**  
 Easting: **17,530.70**  
 Northing: **5,932,085.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **24.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 10-053-05 W5M**

Well Number **08053**

Well Owner: **Bartell, Eriwin**

Elevation (AMSL) (m): **715**

AEP: **399333**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **23,454.66**

Date Started: **26 Jun 93**

Northing: **5,932,911.00**

Date Completed: **27 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **48.8** Bottom (m): **48.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **42.4** to **48.5**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **48.5** Bottom (m): **67.1**  
 Perforated How: **Saw**  
 from (m): **61.0** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **31.4**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **31.9**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	714.2			Sand
19.5	695.9			Clay Blue
21.6	693.8			Sand
32.0	683.4			Clay Blue
34.1	681.3			Gravel
37.5	677.9			Sandstone Brown
56.1	659.3			Shale Gray
57.6	657.8			Sandstone Fine Grained Blue
62.5	652.9			Shale Gray
66.4	649.0			Sandstone Blue
67.1	648.3			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-053-05 W5M**

Well Number **08054**

Well Owner: **Chase, Frank**

Elevation (AMSL) (m): **715**

AEP: **357769**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **23,454.66**

Date Started: **17 Mar 80**

Northing: **5,932,911.00**

Date Completed: **18 Mar 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.3** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **18.6** to **19.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **10.7** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	714.5			Clay Yellow
12.2	703.2			Sand
18.0	697.4			Clay Blue
19.8	695.6			Sand
22.3	693.1			Clay & Shale Blue Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-053-05 W5M**

Well Number **08055**

Well Owner: **Folinsbee, Robert**

Elevation (AMSL) (m): **715**

AEP: **351063**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **23,454.66**

Date Started: **04 Jun 89**

Northing: **5,932,911.00**

Date Completed: **09 Jun 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **103.6** (m)  
 NPWL (m): **17.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **36.9** Bottom (m): **36.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.2**  
 Top (m): **36.0** Bottom (m): **103.6**  
 Perforated How:  
 from (m): **103.0** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **480.0**  
 Level End (m): **45.7** Drawdown (m): **28.0**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
10.4	705.0	Sandstone Weathered
36.6	678.8	See Comments
42.1	673.3	Shale Gray
55.5	659.9	Sandstone
56.4	659.0	Shale Gray
57.0	658.4	Shale Brown
57.3	658.1	Coal
60.4	655.0	Shale Gray
61.3	654.1	Coal
65.2	650.2	Shale Gray
66.1	649.3	Coal
66.8	648.6	Shale Bentonitic Brown
70.1	645.3	Shale Gray
76.2	639.2	Sandstone Fine Grained
76.8	638.6	Coal
78.0	637.4	Sandstone
85.0	630.4	Shale Gray
86.0	629.4	Coal
88.7	626.7	Sandstone
89.3	626.1	Shale Brown
91.7	623.7	Shale Green
102.4	613.0	Sandstone
103.6	611.8	Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 10-053-05 W5M**

Well Number **08056**

Well Owner: **Reid, Dwight**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **715**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356930**  
 Easting: **23,454.66**  
 Northing: **5,932,911.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **103.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 10-053-05 W5M**

Well Number **08057**

Well Owner: **Brown, Ron**

Elevation (AMSL) (m): **757**

AEP: **399327**

Drilling Contractor: *M&S Water Well Drilling*

Licence No.:

Easting: **23,761.57**

Date Started: **20 Aug 94**

Northing: **5,932,518.50**

Date Completed: **20 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.7**  
**Liner:**  
 Type:  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **27.4**  
 Perforated How: **Machine**  
 from (m): **21.3** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **26.8**  
**Testing:**  
 Rate (lpm): **182.4** Time (minute): **120.0**  
 Level End (m): **21.6** Drawdown (m): **18.6**  
 Rec'd intake (m): **13.7** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
13.1	743.5	Sand & Coal
14.6	742.0	Clay Blue
19.5	737.1	Sand & Coal
20.1	736.5	Clay Blue
23.8	732.9	Sand & Coal
24.1	732.6	Clay Blue
24.7	731.9	Coal
25.0	731.6	Clay Blue
26.5	730.1	Coal
27.4	729.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 10-053-05 W5M**

Well Number **08058**

Well Owner: **Mcdonald, John**

Elevation (AMSL) (m): **757**

AEP: **399338**

Drilling Contractor: **M&S Water Well Drilling**

Licence No.:

Easting: **23,761.57**

Date Started: **19 Aug 94**

Northing: **5,932,518.50**

Date Completed: **19 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **2.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **16.8**

**Liner:**  
 Type:  
 OD (mm): **152.4** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **24.4**  
 Perforated How: **Machine**  
 from (m): **15.2** to **21.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **23.5**

**Testing:**  
 Rate (lpm): **319.3** Time (minute): **120.0**  
 Level End (m): **9.8** Drawdown (m): **7.6**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **228.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	746.0	Sand & Coal
15.2	741.4	Coal
16.8	739.9	Shale Gray
19.8	736.8	Coal
20.1	736.5	Shale Gray
22.3	734.4	Coal
24.4	732.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 12-053-05 W5M**

Well Number **08059**

Well Owner: **Fricke, Gordon**

Elevation (AMSL) (m): **742**

AEP: **399339**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **25,896.77**

Date Started: **16 Jun 94**

Northing: **5,933,298.00**

Date Completed: **16 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **1.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **20.1** Bottom (m): **20.1**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **13.7** to **19.8**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **19.2** Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **20.4** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **17.1**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **6.1** Drawdown (m): **4.0**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.2	741.3	Till
3.4	739.1	Sand
10.7	731.8	Sandstone Brown
18.0	724.5	Coal
20.7	721.8	Shale Gray
24.4	718.1	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-05 W5M**

Well Number **08060**

Well Owner: **Mallett**

Elevation (AMSL) (m): **742**

AEP: **399344**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **25,896.77**

Date Started: **10 Jun 94**

Northing: **5,933,298.00**

Date Completed: **10 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **12.5** to **18.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): **13.7** Time (minute): **120.0**  
 Level End (m): **17.7** Drawdown (m): **15.9**  
 Rec'd intake (m): **17.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	741.6			Till
4.9	737.6			Sand
7.9	734.6			Sandstone Brown
8.8	733.6			Gravel
9.4	733.0			Sandstone
16.1	726.3			Coal
19.5	723.0			Shale Gray
22.9	719.6			Coal
24.1	718.4			Shale Gray
25.3	717.2			Sandstone Blue
27.4	715.1			Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 12-053-05 W5M**

Well Number **08061**

Well Owner: **Walton, Mr.**

Elevation (AMSL) (m): **742**

AEP: **399342**

Licence No.:

Easting: **25,896.77**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Date Started: **11 Jun 94**

Northing: **5,933,298.00**

Date Completed: **11 Jun 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): **2.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **12.5** to **18.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **18.3**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **16.0**  
 Rec'd intake (m): **18.0** Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	741.3			Till
4.6	737.9			Sand Brown
9.8	732.7			Sandstone Brown
16.8	725.7			Coal
20.1	722.4			Shale
24.1	718.4			Coal
25.9	716.6			Shale
27.7	714.7			Shale Brown
29.9	712.6			Shale Gray
31.4	711.1			Shale & Sandstone Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 12-053-05 W5M**

Well Number **08062**

Well Owner: **Meclory, N**

Elevation (AMSL) (m): **720**

AEP: **361181**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **26,709.83**

Date Started: **17 May 91**

Northing: **5,931,931.50**

Date Completed: **17 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **23.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Other**  
 from (m): **24.4** to **30.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **29.9**

**Testing:**

Rate (lpm): **13.7** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **22.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	716.3			Clay Brown
4.9	715.1			Sand
7.6	712.4			Sandstone Brown
10.7	709.3			Sandstone Blue
12.5	707.5			Sand & Rocks Blue
21.3	698.7			Sandstone Blue
23.8	696.2			Shale Blue
25.6	694.4			Sandstone Blue
31.7	688.3			Coal
33.5	686.5			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 12-053-05 W5M**

Well Number **08063**

Well Owner: **Seba Beach School**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **720**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Jan 50**  
 AEP: **357771**  
 Easting: **26,709.83**  
 Northing: **5,931,931.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-053-05 W5M**

Well Number **08064**

Well Owner: **Seba Beach School**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **720**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **357772**  
 Easting: **26,709.83**  
 Northing: **5,931,931.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-053-05 W5M**

Well Number **08065**

Well Owner: **Seba Beach School Well #1**

Elevation (AMSL) (m): **720**

AEP: **357770**

Licence No.:

Easting: **26,709.83**

Drilling Contractor: *Unknown Driller*

Date Started:

Northing: **5,931,931.50**

Date Completed: **01 Jan 50**

**General:**

Type of Work: **Chemistry**  
 Drilling Method: **Drilled**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 13-053-05 W5M**

Well Number **08066**

Well Owner: **Laird, Windsor**

Elevation (AMSL) (m): **773**

AEP: **366157**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **26,178.89**

Date Started: **27 Aug 92**

Northing: **5,934,787.50**

Date Completed: **27 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **18.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **34.8** Bottom (m): **34.8**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **34.8**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **33.8** Bottom (m): **42.7**  
 Perforated How: **Saw**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **33.5**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **30.2** Drawdown (m): **11.3**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	3.7	769.4		Clay
	17.1	756.0		Sandstone Brown
	17.4	755.7		Shale Brown
	22.9	750.2		Sandstone Brown
	34.1	738.9		Sandstone Gray
	35.4	737.7		Shale Gray
	39.6	733.4		Sandstone Gray
	42.7	730.4		Sandstone Fractured Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**NE 14-053-05 W5M**

Well Number **08067**

Well Owner: **Alta Env**

Elevation (AMSL) (m): **795**

AEP: **401681**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **25,139.17**

Date Started: **24 Aug 76**

Northing: **5,934,648.00**

Date Completed: **31 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **54.0**  
 Perforated How: **Torch**  
 from (m): **42.7** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	793.8	Clay Brown
3.1	792.3	Sand Fine Grained Brown
4.0	791.4	Clay Brown
10.1	785.3	Sand & Gravel
31.7	763.7	Sandstone Oxidized Brown
32.0	763.4	Sandstone Hard Gray
43.0	752.4	Sandstone & Shale Strg'S Thin
53.6	741.7	Sandstone Gray
55.8	739.6	Coal
58.2	737.1	See Comments
67.1	728.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 14-053-05 W5M**

Well Number **08068**

Well Owner: **Silver, H.**

Elevation (AMSL) (m): **795**

AEP: **396641**

Drilling Contractor: *Hirate Drilling 1985 Ltd.*

Licence No.:

Easting: **25,139.17**

Date Started: **24 Aug 76**

Northing: **5,934,648.00**

Date Completed: **31 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **34.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.3**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **54.0**  
 Perforated How: **Torch**  
 from (m): **43.3** to **54.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **34.1** Drawdown (m): **1.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	793.8	Clay Brown
3.1	792.3	Sand Fine Grained Brown
4.0	791.4	Clay & Rocks Brown
10.1	785.3	Sand & Gravel
31.7	763.7	Sandstone Oxidized Brown
32.0	763.4	Sandstone Hard Gray
43.0	752.4	Sandstone & Shale Ledges Brow
53.6	741.7	Sandstone Gray
55.8	739.6	Coal
58.2	737.1	Shale & Coal
67.1	728.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 14-053-05 W5M**

Well Number **08069**

Well Owner: **Electric Motor Svc**

Elevation (AMSL) (m): **759**

AEP: **373956**

Drilling Contractor: *Westar Water Well Drilling Ltd.*

Licence No.:

Easting: **24,262.77**

Date Started: **04 Oct 93**

Northing: **5,933,541.00**

Date Completed: **12 Oct 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **106.1** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.2** Bottom (m): **62.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): to **62.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **56.4** Bottom (m): **105.2**  
 Perforated How: **Machine**  
 from (m): **79.2** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **73.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): **56.7** Drawdown (m): **53.0**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
15.5	743.1	Sand & Coal
16.5	742.1	Clay
23.8	734.8	Shale
28.4	730.3	Sandstone
29.6	729.0	Shale
41.2	717.5	Sandstone
41.8	716.8	Shale
42.4	716.2	Coal
44.2	714.4	Shale
44.5	714.1	Coal
47.2	711.4	Shale
47.6	711.1	Coal
51.8	706.8	Shale
56.1	702.5	Shale & Coal
74.4	684.2	Shale
74.7	683.9	Coal
78.0	680.6	Shale
78.3	680.3	Coal
82.3	676.3	Shale Sandy
83.2	675.4	Sandstone
91.1	667.5	Shale
96.6	662.0	Sandstone
97.5	661.1	Shale
100.0	658.6	Sandstone
100.6	658.0	Shale
102.7	655.9	Sandstone
106.1	652.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-05 W5M**

Well Number **08070**

Well Owner: **Troughton, Roy**

Elevation (AMSL) (m): **736**

AEP: **361101**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **23,441.56**

Date Started: **21 Mar 91**

Northing: **5,933,706.00**

Date Completed: **22 Mar 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **20.7** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **3.7**

**Liner:**

Type:  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **20.7**  
 Perforated How: **Axe/Chisel**  
 from (m): **7.0** to **20.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **15.2**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **19.5** Drawdown (m): **15.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **9.1**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	730.3	Clay Brown
7.3	728.5	Sandstone
20.7	715.1	Shale Mixed

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 15-053-05 W5M**

Well Number **08071**

Well Owner: **Troughton, Roy**

Elevation (AMSL) (m): **734**

AEP: **350636**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **23,262.26**

Date Started: **18 Apr 90**

Northing: **5,933,720.00**

Date Completed: **20 Apr 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.2** (m)  
 NPWL (m): **5.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **30.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **93.3**  
 Perforated How: **Machine**  
 from (m): **30.5** to **93.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **49.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.5	728.3	Clay Yellow
7.6	726.2	Shale Sandy Gray
9.1	724.7	Shale Gray
10.7	723.2	Shale Green
18.6	715.2	Shale Brown
32.0	701.8	Shale Green
51.2	682.6	Shale Sandy Gray
55.8	678.0	Shale & Coal Brown
57.9	675.9	Shale Gray
59.4	674.4	Shale & Coal Gray
65.2	668.6	Shale Gray
66.4	667.4	Coal
70.1	663.7	Shale Gray
71.9	661.9	Shale Sandy Gray
78.3	655.5	Shale Gray
78.9	654.9	Coal
94.2	639.6	Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-05 W5M**

Well Number **08072**

Well Owner: **Troughton, Roy**

Elevation (AMSL) (m): **734**

AEP: **364941**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **23,268.20**

Date Started: **06 Feb 91**

Northing: **5,933,729.00**

Date Completed: **07 Feb 91**

**General:**

Type of Work: **Reconditioned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.2** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **56.4** Bottom (m): **56.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **56.4**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **93.3**  
 Perforated How: **Unknown**  
 from (m): **54.9** to **93.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **4.6** Time (minute): **420.0**  
 Level End (m): **64.0** Drawdown (m): **54.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	728.3	Clay	Yellow	
7.6	726.2	Shale	Sandy Gray	
9.1	724.6	Shale	Gray	
10.7	723.1	Shale	Green	
18.6	715.2	Shale	Brownish Gray	
32.0	701.8	Shale	Greenish Gray	
51.2	682.6	Shale	Sandy Gray	
55.8	678.0	Shale & Coal	Brown	
57.9	675.9	Shale	Gray	
65.2	668.6	Shale	Gray	
66.4	667.3	Coal		
70.1	663.7	Shale	Gray	
71.9	661.9	Shale	Sandy Gray	
78.3	655.5	Shale	Gray	
78.9	654.8	Coal		
94.2	639.6	Shale	Sandy Gray	

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 15-053-05 W5M**

Well Number **08073**

Well Owner: **Wade, H.M.**

Elevation (AMSL) (m): **736**

AEP: **394175**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **23,441.56**

Date Started: **19 Sep 78**

Northing: **5,933,706.00**

Date Completed: **22 Sep 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **47.2** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **27.4** Bottom (m): **27.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.4**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **44.8**  
 Perforated How: **Torch**  
 from (m): **41.2** to **44.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Sd5-50** Intake (m): **47.2**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
1.5	734.3		Gravel
13.7	722.1		Sand
22.9	713.0		Gravel
24.4	711.4		Shale
27.4	708.4		Shale & Coal
29.0	706.9		Shale
32.0	703.8		Sandstone
42.7	693.2		Shale
44.5	691.3		Coal Caving
47.2	688.6		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 15-053-05 W5M**

Well Number **08074**

Well Owner: **Wedman, Franklin**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **745**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354053**  
 Easting: **23,477.20**  
 Northing: **5,933,852.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **13.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**16-16-053-05 W5M**

Well Number **08075**

Well Owner: **Alta Env #1968e**

Elevation (AMSL) (m): **778**

AEP: **375287**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **22,019.89**

Date Started: **14 Jul 80**

Northing: **5,934,554.28**

Date Completed: **15 Jul 80**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Rotary**  
 Well Use: **Other**  
 Completed Depth **85.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	773.7	Clay Sandy
16.5	761.8	Sand
35.0	743.2	Sandstone
36.9	741.4	Siltstone
46.0	732.3	Sandstone
46.9	731.4	Coal
49.7	728.6	Shale
53.3	725.0	Coal
57.6	720.7	Shale
61.3	717.0	Coal
63.7	714.6	Shale
64.9	713.4	Sandstone
85.3	693.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

16-16-053-05 W5M

Well Number 08076

Well Owner: Alta Env #1969e

Elevation (AMSL) (m): 783

AEP: 375290

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 21,978.59

Date Started: 16 Jul 80

Northing: 5,934,738.50

Date Completed: 17 Jul 80

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Rotary**  
Well Use: **Observation**  
Completed Depth **47.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **33.5** Bottom (m): **33.5**  
OD (mm): **141.2** Thickness (mm):  
Seal Type: **Cement/Grout**  
from (m): to **33.5**

**Liner:**

Type:  
OD (mm): **76.2** Thickness (mm):  
Top (m): Bottom (m): **41.2**  
Perforated How: **Machine**  
from (m): **39.6** to **41.2** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	778.5	Clay Sandy
16.5	766.6	Sand
35.0	748.0	Sandstone
36.9	746.2	Siltstone
47.9	735.2	Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**16-16-053-05 W5M**

Well Number **08077**

Well Owner: **Alta Env #1971e**

Elevation (AMSL) (m): **783**

AEP: **375288**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **21,978.59**

Date Started: **28 Jul 80**

Northing: **5,934,738.50**

Date Completed: **30 Jul 80**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **82.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **68.3** Bottom (m): **68.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Cement/Grout**  
 from (m): to **68.3**

**Liner:**  
 Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): Bottom (m): **82.3**  
 Perforated How: **Machine**  
 from (m): **80.8** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.6	778.5	Clay
16.5	766.6	Sand
35.0	748.0	Sandstone
36.9	746.2	Siltstone
46.0	737.0	Sandstone
46.9	736.1	Coal
49.7	733.4	Shale
53.3	729.7	Coal
57.6	725.5	Shale
61.3	721.8	Coal
63.7	719.4	Shale
64.9	718.1	Sandstone
82.3	700.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-05 W5M**

Well Number **08078**

Well Owner: **Hodgins, Tom**

Elevation (AMSL) (m): **760**

AEP: **366878**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **21,007.16**

Date Started: **03 Oct 92**

Northing: **5,934,353.00**

Date Completed: **03 Oct 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **11.9** Bottom (m): **11.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **11.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **10.7** Bottom (m): **33.2**  
 Perforated How: **Machine**  
 from (m): **15.2** to **33.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 7g05** Intake (m): **19.8**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **19.8**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	755.5	Sand
5.2	754.6	Clay
10.4	749.4	Coal
11.0	748.8	Shale Light Gray
14.3	745.5	Shale Gray
16.5	743.3	Shale & Sandstone Gray
19.8	740.0	Shale Gray
21.6	738.2	Shale Sandy Gray
22.6	737.2	Sandstone Gray
24.7	735.1	Shale Fractured Dark
29.9	729.9	Shale & Coal Gray
31.4	728.4	Shale & Sandstone Ledges
33.2	726.6	Shale Bentonitic

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-05 W5M**

Well Number **08079**

Well Owner: **Jevne, Emerson**

Elevation (AMSL) (m): **760**

AEP: **376556**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **21,007.16**

Date Started: **11 Aug 93**

Northing: **5,934,353.00**

Date Completed: **12 Aug 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **63.7** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **15.9** Bottom (m): **15.9**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **15.9**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.9** Bottom (m): **63.7**  
 Perforated How: **Machine**  
 from (m): **21.3** to **39.6** Size:  
 from (m): **51.8** to **63.7** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g05** Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **40.2**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.6	759.2	Sand Dark Gray
2.4	757.4	Sand Brown
6.7	753.1	Sand Gray
9.4	750.3	Clay Gray
10.7	749.1	Shale & Coal
14.3	745.5	Shale Bentonitic Gray
18.6	741.2	Shale Sandy Gray
23.2	736.6	Shale Gray
28.7	731.1	Shale & Sandstone Ledges Gray
32.3	727.5	Shale Fractured
40.5	719.3	Shale Gray
41.8	718.0	Shale & Coal
43.6	716.2	Shale Sandy Gray
45.4	714.4	Shale & Coal
46.6	713.2	Shale Gray
61.6	698.2	Sand & Sandstone Gray
63.7	696.1	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

06-17-053-05 W5M

Well Number 08080

Well Owner: **Alta Env #1342e**

Elevation (AMSL) (m): **743**

AEP: **401675**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **19,244.75**

Date Started:

Northing: **5,933,948.50**

Date Completed: **23 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth: **18.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.1	741.2	Sand & Gravel
4.3	739.1	Siltstone Dark Green
18.6	724.7	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-05 W5M**

Well Number **08081**

Well Owner: **Brockway, Audrey**

Elevation (AMSL) (m): **751**

AEP: **372475**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **19,276.71**

Date Started: **26 Jul 93**

Northing: **5,933,977.00**

Date Completed: **26 Jul 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **37.8** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.1** Bottom (m): **24.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **24.1**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **22.6** Bottom (m): **36.9**  
 Perforated How: **Saw**  
 from (m): **22.6** to **36.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **4.6**  
 Rec'd intake (m): **21.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	746.7	Clay & Sand
6.1	744.6	Clay Yellow
6.7	744.0	Sandstone Yellow
11.6	739.1	Sand Silty
12.2	738.5	Sandstone White
24.1	726.6	Shale Sandy Yellow
25.0	725.7	Shale Gray
28.4	722.3	Shale Sandy Gray
36.0	714.7	Coal
37.8	712.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 17-053-05 W5M**

Well Number **08082**

Well Owner: **Hopkins, Glen**

Elevation (AMSL) (m): **751**

AEP: **369881**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **19,276.71**

Date Started: **15 Jun 92**

Northing: **5,933,977.00**

Date Completed: **15 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **16.1**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **21.3**  
 Perforated How: **Saw**  
 from (m): **16.8** to **21.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **12.2**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	747.0			Sand
5.5	745.2			Clay Blue
7.9	742.8			Sandstone Blue
11.6	739.1			Sandstone Brown
12.8	737.9			Shale Gray
14.6	736.1			Sandstone Coarse Grained Blue
16.8	733.9			Shale Gray
21.3	729.4			Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 17-053-05 W5M**

Well Number **08083**

Well Owner: **Singleton, Ken**

Elevation (AMSL) (m): **751**

AEP: **415969**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **19,276.71**

Date Started: **12 Jul 95**

Northing: **5,933,977.00**

Date Completed: **12 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **22.3** Bottom (m): **22.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **33.5**  
 Perforated How: **Machine**  
 from (m): **24.4** to **33.5** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **16.8** Drawdown (m): **14.9**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	748.6	Clay Sandy Brown
4.9	745.8	Clay Brown
10.7	740.0	Sand Brown
13.7	737.0	Shale Soft Gray
17.1	733.6	Coal Fractured
21.9	728.7	Coal
24.1	726.6	Shale Gray
25.6	725.1	Shale & Coal
30.8	719.9	Shale Gray
31.4	719.3	Sand & Sandstone Gray
33.5	717.2	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

12-18-053-05 W5M

Well Number 08084

Well Owner: **Alta Env #1179e**

Elevation (AMSL) (m): **758**

AEP: **357944**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **17,547.15**

Date Started:

Northing: **5,934,161.00**

Date Completed: **25 May 74**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Municipal**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	757.4	Topsoil
1.5	756.5	Topsoil Clayey
4.3	753.7	Siltstone Hard
6.1	751.9	Siltstone
10.7	747.3	Sandstone See Comments
11.3	746.7	Sandstone Fine Grained
15.2	742.8	Sandstone Medium Grained
22.9	735.1	Sandstone Bentonitic
24.4	733.6	Sandstone & Coal Fine Grained
27.4	730.6	Sandstone Calcareous
30.5	727.5	Sandstone Lost Circulation
36.6	721.4	Sandstone & Coal Interbedded
39.3	718.7	Sandstone & Coal
42.7	715.3	Coal See Comments Black

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 18-053-05 W5M**

Well Number **08085**

Well Owner: **Wickware, Erna**

Elevation (AMSL) (m): **770**

AEP: **351294**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,369.55**

Date Started: **15 May 90**

Northing: **5,934,555.00**

Date Completed: **16 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.9** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **25.6** Bottom (m): **36.0**  
 Perforated How: **Machine**  
 from (m): **25.6** to **36.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **18.3** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	764.7	Clay Yellow
9.8	760.1	Clay Blue
11.6	758.3	Clay Yellow
13.7	756.1	Sand Coarse Grained Yellow
14.9	754.9	Clay Sandy Yellow
15.5	754.3	Sandstone
16.8	753.1	Clay Coarse Grained Yellow
17.1	752.8	Sandstone
17.7	752.2	Clay Yellow
18.6	751.3	Sandstone
25.6	744.3	Clay Sandy Yellow
26.5	743.3	Shale Soft Gray
34.4	735.4	Shale Sandy Gray
35.0	734.8	Coal
35.7	734.2	Shale Brown
36.3	733.6	Coal
36.9	733.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-05 W5M**

Well Number **08086**

Well Owner: **Easton, Pearl**

Elevation (AMSL) (m): **749**

AEP: **369882**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **18,799.61**

Date Started: **20 May 93**

Northing: **5,933,471.50**

Date Completed: **20 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **23.8**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **50.2** Time (minute): **120.0**  
 Level End (m): **4.3** Drawdown (m): **1.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.5	747.6			Sand
13.7	735.4			Sandstone Brown
16.8	732.4			Sandstone Blue
18.3	730.9			Coal
23.2	726.0			Sandstone Blue
25.0	724.2			Shale Gray
26.5	722.6			Shale Brown
30.5	718.7			Coal

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-05 W5M**

Well Number **08087**

Well Owner: **Finer, G.**

Elevation (AMSL) (m): **749**

AEP: **369883**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **18,799.61**

Date Started: **31 May 93**

Northing: **5,933,471.50**

Date Completed: **31 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **18.3** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **18.3**  
 Perforated How: **Saw**  
 from (m): **14.3** to **18.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **9 St** Intake (m): **9.1**

**Testing:**  
 Rate (lpm): **50.2** Time (minute): **240.0**  
 Level End (m): **3.7** Drawdown (m): **1.8**  
 Rec'd intake (m): **9.1** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	747.3	Sand
8.5	740.6	Sandstone Brown
10.7	738.5	Coal
13.4	735.8	Sandstone Blue
14.3	734.8	Shale
15.9	733.3	Sandstone Blue
17.1	732.1	Coal
18.3	730.9	Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-05 W5M**

Well Number **08088**

Well Owner: **Lemieux, Margaret**

Elevation (AMSL) (m): **749**

AEP: **356245**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **18,799.61**

Date Started: **15 Apr 91**

Northing: **5,933,471.50**

Date Completed: **18 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **42.7**  
 Perforated How: **Torch**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **39.6**  
 Rec'd intake (m): **31.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	743.1	Sand & Clay Stringers Soft
10.1	739.1	Coal
10.7	738.5	Sand & Gravel
14.3	734.8	Shale Brown
18.3	730.9	Coal
21.3	727.8	Shale Brown
23.5	725.7	Sandstone Soft Gray
24.4	724.8	Shale Gray
25.9	723.3	Sandstone Soft
30.5	718.7	Shale Green
35.0	714.1	Shale Gray
36.6	712.6	Shale & Coal Brown
38.1	711.1	Sandstone Gray
42.7	706.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 18-053-05 W5M**

Well Number **08089**

Well Owner: **Mitchell, G./ D/**  
 Drilling Contractor: *Mcwillis A*

Elevation (AMSL) (m): **749**  
 Licence No.:  
 Date Started:  
 Date Completed: **01 Jan 61**  
 AEP: **448946**  
 Easting: **18,799.61**  
 Northing: **5,933,471.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
21.3	727.8	Coal	
27.4	721.7	Shale	
33.5	715.6	Shale Blue	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 18-053-05 W5M**

Well Number **08090**

Well Owner: **Treasure, Randy**

Elevation (AMSL) (m): **749**

AEP: **361102**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **18,799.61**

Date Started: **08 Aug 91**

Northing: **5,933,471.50**

Date Completed: **08 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **1.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **18.6** Bottom (m): **18.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.6**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **19.5** to **24.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **15.2**

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **15.2** Drawdown (m): **13.7**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	746.4	Clay & Sand Brown
7.9	741.2	Sandstone Brown
9.1	740.0	Sand & Rocks Brown
11.6	737.6	Sandstone Blue
12.8	736.4	Sandstone Brown
14.3	734.8	Coal
14.9	734.2	Shale Brown
17.4	731.8	Coal
19.2	730.0	Shale Gray
21.3	727.8	Coal
22.3	726.9	Shale Brown
24.4	724.8	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 18-053-05 W5M**

Well Number **08091**

Well Owner: **Keistjanson, G.O.**

Elevation (AMSL) (m): **767**

AEP: **373957**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,755.66**

Date Started: **02 Jun 93**

Northing: **5,933,726.50**

Date Completed: **02 Jun 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **18.9**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **19.2** to **23.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Berkley** Intake (m): **9.1**

**Testing:**  
 Rate (lpm): Time (minute): **180.0**  
 Level End (m): **4.9** Drawdown (m): **3.1**  
 Rec'd intake (m): **12.2** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.1	765.4	Sand
4.3	763.2	Clay Blue
9.4	758.0	Sandstone Brown
14.9	752.6	Coal
15.9	751.6	Shale Brown
17.7	749.8	Coal
19.2	748.3	Shale Gray
24.4	743.1	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-05 W5M**

Well Number **08092**

Well Owner: **Marchyshyn, Bill**

Elevation (AMSL) (m): **788**

AEP: **361208**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **17,756.06**

Date Started: **12 Sep 91**

Northing: **5,935,201.00**

Date Completed: **13 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **55.5** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.0** Bottom (m): **36.0**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **36.0**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **35.4** Bottom (m): **55.5**  
 Perforated How: **Saw**  
 from (m): **36.6** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **33.5**

**Testing:**  
 Rate (lpm): **63.9** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **12.8**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	785.6	Clay
21.6	766.4	Shale
22.6	765.5	Sandstone Hard
26.2	761.8	Shale
32.6	755.4	Sandstone
34.8	753.3	Coal
41.8	746.3	Shale
55.5	732.6	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

04-20-053-05 W5M

Well Number 08093

Well Owner: **Alta Env #1180e**

Elevation (AMSL) (m): **776**

AEP: **401677**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **19,023.51**

Date Started:

Northing: **5,935,178.50**

Date Completed: **25 May 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.7	772.3	Clay
8.8	767.1	Siltstone & Sandstone Fine Gra
18.3	757.7	Sandstone Fine Grained Gray
21.9	754.0	Sandstone Fine Grained Brownis
35.4	740.6	Shale & Siltstone Soft Brownis
46.3	729.7	Siltstone & Sandstone Sandy
47.2	728.7	Sandstone & Coal Shaly

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 20-053-05 W5M**

Well Number **08094**

Well Owner: **Bobryk, Jackie**

Elevation (AMSL) (m): **789**

AEP: **379698**

Drilling Contractor: *Panky'S Consolidated Ltd.*

Licence No.:

Easting: **18,986.59**

Date Started: **02 Jun 94**

Northing: **5,936,217.00**

Date Completed: **02 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **28.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **36.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.0** Bottom (m): **42.7**  
 Perforated How: **Machine**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Grundfos** Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **0.3**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	783.5	Clay
33.5	755.8	Sandstone Sandy
36.0	753.4	Coal
38.1	751.2	Shale Gray
42.7	746.7	Sandstone White

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-05 W5M**

Well Number **08095**

Well Owner: **Orchison, Jim**

Elevation (AMSL) (m): **803**

AEP: **365124**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **23,693.71**

Date Started: **08 May 92**

Northing: **5,935,029.50**

Date Completed: **09 May 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.4** (m)  
 NPWL (m): **44.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **17.4** Bottom (m): **17.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **63.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **5.2** Bottom (m): **82.3**  
 Perforated How: **Torch**  
 from (m): **64.0** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05** Intake (m): **70.1**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **25.3**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

3.4	799.8	Clay Sandy Brown
5.2	798.0	Sand Brown
13.1	790.1	Sand & Gravel
42.1	761.1	Sand & Shale Sandy Brown
62.8	740.4	Sand & Sandstone Gray
63.1	740.1	Coal
63.4	739.8	Shale Gray
66.1	737.1	Coal
66.8	736.4	Sand Fine Grained Gray
70.7	732.5	Coal
71.9	731.3	Sandstone Gray
73.5	729.7	Shale Sandy Gray
75.6	727.6	Coal
79.2	724.0	Shale & Coal
81.1	722.1	Shale Gray
84.1	719.1	Sand & Sandstone Gray
86.6	716.6	Shale Dark Gray
88.4	714.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-24-053-05 W5M

Well Number 08096

Well Owner: **Alta Env #1177e (B1)**

Elevation (AMSL) (m): **788**

AEP: **401678**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **26,904.66**

Date Started:

Northing: **5,935,355.64**

Date Completed: **24 May 74**

**General:**

Type of Work: **Piezometer**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **39.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **25.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	785.2			Clay Silty
5.5	782.1			Gravel Fine Grained
6.4	781.2			Gravel
10.1	777.5			Silt
16.8	770.8			Sandstone Oxidized
17.7	769.9			Coal
19.8	767.8			Siltstone
20.4	767.2			Coal Carbonaceous
21.3	766.3			Coal
31.4	756.2			Siltstone Dark Gray
39.6	748.0			Coal Silty

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SE 24-053-05 W5M**

Well Number **08097**

Well Owner: **Burry, S.**

Elevation (AMSL) (m): **784**

AEP: **365605**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **26,374.88**

Date Started: **10 Jul 92**

Northing: **5,935,396.00**

Date Completed: **14 Jul 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Bentonite**  
 from (m): **43.6** to **45.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **48.8** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **42.7**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m): **33.5**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	777.3	Clay Sandy Brown
13.1	770.9	Clay Gray
17.4	766.6	Clay Yellow
20.7	763.2	Gravel Fine Grained
22.6	761.4	Clay Yellow
29.0	755.0	Sand Clayey
39.9	744.0	Sandstone Gray
42.1	741.9	Coal
43.9	740.1	Shale Brown
46.0	738.0	Shale Gray
46.6	737.3	Shale Brown
49.7	734.3	Coal
51.2	732.8	Shale Gray
54.3	729.7	Shale Brown
55.8	728.2	Coal
56.7	727.3	Shale Green
58.8	725.2	Sandstone Gray
59.7	724.2	Shale Gray
61.0	723.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 24-053-05 W5M**

Well Number **08098**

Well Owner: **Alta Env**

Elevation (AMSL) (m): **785**

AEP: **401680**

Drilling Contractor: *Other*

Licence No.:

Easting: **26,171.31**

Date Started: **11 Aug 76**

Northing: **5,935,264.50**

Date Completed: **12 Aug 76**

**General:**  
 Type of Work: **Old Well-Test**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth **40.2** (m)  
 NPWL (m): **24.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	778.5	Till Sandy Brown
6.7	777.9	Till Gray
7.3	777.3	Rocks
14.3	770.3	Till Gray
18.3	766.4	Till & Rocks Yellow
21.3	763.3	Gravel Coarse Grained
29.0	755.7	Sandstone Oxidized
39.6	745.0	Sandstone Gray
39.9	744.7	Shale Green
40.2	744.4	Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 24-053-05 W5M**

Well Number **08099**

Well Owner: **Alta Env #1672e**

Elevation (AMSL) (m): **785**

AEP: **401679**

Drilling Contractor: *Other*

Licence No.:

Easting: **26,171.31**

Date Started:

Northing: **5,935,264.50**

Date Completed: **14 May 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Drilled**  
 Well Use: **Unknown**  
 Completed Depth: **42.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Drive Shoe**  
 from (m): to **31.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **29.6** Bottom (m): **42.4**  
 Perforated How: **Torch**  
 from (m): **36.3** to **41.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
14.0	770.6	Clay Silty Brown
17.1	767.6	Sand Silty Light Brown
21.6	763.0	Gravel Glacial
29.0	755.7	Sandstone Light Brown
39.6	745.0	Sandstone Gray
39.9	744.7	Siltstone Green
40.2	744.4	Sandstone Gray
41.2	743.5	Coal
41.5	743.2	Shale Carbonaceous Dark Brown
42.1	742.6	Coal
42.4	742.3	Shale Carbonaceous Dark Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 24-053-05 W5M**

Well Number **08100**

Well Owner: **Burry, S #1672e**

Elevation (AMSL) (m): **785**

AEP: **395179**

Drilling Contractor: *Water Resources*

Licence No.:

Easting: **26,171.31**

Date Started: **14 May 77**

Northing: **5,935,264.50**

Date Completed: **16 May 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.1**

**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **42.4**  
 Perforated How:  
 from (m): **36.3** to **41.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.0	770.6	Clay Silty
17.1	767.6	Sand Silty
21.6	763.0	Gravel
39.6	745.0	Sandstone
39.9	744.7	Siltstone
40.2	744.4	Sandstone
41.2	743.5	Coal
41.5	743.2	Shale
42.1	742.6	Coal
42.4	742.3	Shale

Laboratory: **01 Jun 77**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>640.0</b>	SAR	Nickel
TDS	<b>346.0</b>	TKN	Selenium
Sodium	<b>11.96</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>72.95</b>	TN	Vanadium
Magnesium	<b>29.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>430.12</b>	Arsenic	Total Hardness <b>300.00</b>
Aluminum		Barium	Manganese
Sulphate		Beryllium	Phosphate
Chloride	<b>7.09</b>	Cadium	Ion Balance <b>0.88</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>3.21</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>353.0</b>
Silica	<b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 26-053-05 W5M**

Well Number **08101**

Well Owner: **Paisley, Helen**

Elevation (AMSL) (m): **798**

AEP: **357695**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **24,411.99**

Date Started: **03 Sep 90**

Northing: **5,936,660.50**

Date Completed: **08 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.6** Bottom (m): **25.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): **25.3** to **25.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **70.1**  
 Perforated How: **Machine**  
 from (m): **61.0** to **70.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **1440.0**  
 Level End (m): **48.8** Drawdown (m): **15.2**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	795.3	Clay Silty
10.7	787.7	Gravel
21.3	777.1	Sand Cemented
25.9	772.5	Shale
33.5	764.9	Sandstone
36.6	761.8	Coal
38.1	760.3	Shale Brown
41.2	757.2	Shale Gray
45.7	752.7	Shale Brown
48.8	749.6	Shale Gray
51.8	746.6	Shale Brown
52.7	745.7	Coal
54.9	743.5	Shale Brown
55.8	742.6	Coal
57.9	740.5	Shale Brown
58.5	739.9	Coal
58.8	739.6	Shale
60.0	738.3	Coal
60.7	737.7	Shale
61.9	736.5	Coal
63.1	735.3	Shale
64.3	734.1	Shale Green
68.9	729.5	Sandstone Gray
70.1	728.3	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 27-053-05 W5M**

Well Number **08102**

Well Owner: **Charleson, Dave**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **803**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365019**  
 Easting: **22,711.65**  
 Northing: **5,936,667.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 27-053-05 W5M**

Well Number **08103**

Well Owner: **Charleson, Dave**

Elevation (AMSL) (m): **803**

AEP: **400389**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **22,711.65**

Date Started: **15 Nov 94**

Northing: **5,936,667.50**

Date Completed: **16 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **42.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **55.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **91.4**  
 Perforated How: **Machine**  
 from (m): **61.0** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **28.0**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	798.7	Clay Sandy Brown
10.4	792.7	Sand & Gravel Brown
11.9	791.1	Shale Soft Brown
16.5	786.6	Sand Brown
17.1	785.9	Sand & Sandstone Brown
39.0	764.0	Sand Brown
39.3	763.7	Sandstone Brown
44.5	758.5	Sand Brown
50.6	752.4	Sand Gray
52.1	750.9	Coal
53.6	749.4	Shale Brownish Gray
55.2	747.8	Shale Sandy Gray
55.5	747.5	Sandstone Fine Grained Gray
62.8	740.2	Shale Sandy Gray
70.4	732.6	Shale Gray
75.0	728.0	Shale Sandy Gray
76.5	726.5	Shale Gray
79.2	723.8	Coal
80.5	722.6	Shale Sandy Gray
84.7	718.3	Shale & Coal
86.6	716.5	Shale Green
88.7	714.3	Shale & Sandstone Ledges Fine
94.5	708.5	Shale & Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-29-053-05 W5M

Well Number 08104

Well Owner: **Alta Env #1341e**

Elevation (AMSL) (m): **788**

AEP: **401682**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **19,091.74**

Date Started:

Northing: **5,936,745.50**

Date Completed: **23 Oct 74**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **39.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.5	786.4	Clay Loamy Greenish Gray
4.6	783.3	Clay Greenish Gray
6.1	781.8	Siltstone Bentonitic Light Gra
14.6	773.3	Sandstone Medium Grained Green
15.2	772.7	Sandstone Dark Green
22.9	765.0	Sandstone Oxidized Greenish Ye
23.5	764.4	Sandstone Greenish Gray
24.4	763.5	Siltstone Compacted Greenish G
29.0	758.9	Siltstone Dark Green
29.6	758.3	Sandstone Dark Green
32.3	755.6	Coal
35.4	752.5	Siltstone Dark Gray
38.1	749.8	Siltstone Greenish Gray
39.9	748.0	Sandstone & Coal Lost Circulat

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 29-053-05 W5M**

Well Number **08105**

Well Owner: **Knebel, Charlie**

Elevation (AMSL) (m): **794**

AEP: **377798**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **20,464.08**

Date Started: **20 Sep 92**

Northing: **5,936,662.00**

Date Completed: **21 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): **35.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **39.6** to **41.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **50.3**  
 Perforated How: **Saw**  
 from (m): **42.7** to **50.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **47.2**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): **47.2** Drawdown (m): **11.9**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	784.9	Clay
27.4	766.6	Sandstone Brown
33.5	760.5	Shale Green
42.7	751.3	Shale Gray
50.3	743.7	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-053-05 W5M**

Well Number **08106**

Well Owner: **Alfrey, Darwin E.**

Elevation (AMSL) (m): **725**

AEP: **358534**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **18,124.81**

Date Started: **26 Jul 91**

Northing: **5,939,072.00**

Date Completed: **29 Jul 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **41.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **23.5**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **40.2**  
 Perforated How: **Machine**  
 from (m): **16.8** to **40.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **34.2** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.3	717.8			Sand & Gravel
22.9	702.3			Shale Gray
25.0	700.2			Shale Green
26.5	698.6			Shale Sandy Gray
27.4	697.7			Shale Gray
29.9	695.3			Shale & Coal Brown
36.6	688.6			Shale Gray
41.2	684.0			Shale Green

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 31-053-05 W5M**

Well Number **08107**

Well Owner: **Bikholz, Horest**

Elevation (AMSL) (m): **729**

AEP: **351085**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **18,348.01**

Date Started: **08 May 90**

Northing: **5,939,103.50**

Date Completed: **10 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.8** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **51.8**  
 Perforated How: **Hand Drill**  
 from (m): **30.5** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **68.4** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
9.8	718.9	Sand & Gravel
13.1	715.6	Clay Blue
14.6	714.1	Shale Gray
16.8	711.9	Sandstone Soft
17.7	711.0	Coal
18.3	710.4	Shale Brown
20.1	708.6	Coal
21.0	707.7	Shale Brown
21.9	706.7	Shale Soft Gray
23.2	705.5	Sandstone Soft
25.6	703.1	Shale Gray
27.1	701.6	Coal
29.0	699.7	Shale Brown
33.5	695.2	Shale Gray
34.8	693.9	Sandstone Fine Grained
39.3	689.4	Shale Fractured Gray
39.9	688.8	Coal
41.8	686.9	Sandstone
44.2	684.5	Shale Fractured Gray
45.7	683.0	Coal
49.4	679.3	Sandstone
51.8	676.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-053-05 W5M**

Well Number **08108**

Well Owner: **Birkholz, Horst**

Elevation (AMSL) (m): **729**

AEP: **385519**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **18,600.09**

Date Started: **01 Jun 94**

Northing: **5,939,103.50**

Date Completed: **01 Jun 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **31.1** Bottom (m): **31.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **30.8** to **31.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **48.8**  
 Perforated How: **Hand Drill**  
 from (m): **30.5** to **48.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **45.7**  
 Rec'd intake (m): **27.4** Rec'd Rate (lpm): **68.4**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.9	728.0		Gravel
2.7	726.2		Clay
10.7	718.2		Sand & Gravel
12.8	716.1		Clay
15.5	713.4		Shale Blue
16.8	712.1		Coal
29.6	699.3		Shale Gray
31.7	697.2		Shale Green
36.9	692.0		Sandstone
39.9	689.0		Shale Gray
43.9	685.0		Sandstone
44.2	684.7		Bentonite
45.1	683.8		Coal
45.7	683.2		Shale Green
47.9	681.0		Sandstone
48.8	680.1		Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 31-053-05 W5M**

Well Number **08109**

Well Owner: **County Of Parkland**

Elevation (AMSL) (m): **729**

AEP: **354530**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **18,600.09**

Date Started: **17 Jul 75**

Northing: **5,939,103.50**

Date Completed: **25 Jul 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **22.9** Bottom (m): **22.9**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **22.9**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **22.9** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **2.3** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

7.6	721.3	Gravel
14.6	714.3	Clay Soft
17.7	711.2	Shale Brown
18.0	710.9	Coal
24.1	704.8	Shale Brownish Gray
24.4	704.5	Shale Brown
25.0	703.9	Coal
27.4	701.5	Shale See Comments Brown
33.2	695.7	Shale Brown
46.3	682.6	Shale Gray
46.6	682.3	Coal
52.4	676.5	Shale Brownish Gray
52.7	676.2	Coal
63.1	665.8	Shale Brownish Gray
63.4	665.5	Coal
67.1	661.8	Shale Gray
68.9	660.0	Shale & Coal Brown
74.4	654.5	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 31-053-05 W5M**

Well Number **08110**

Well Owner: **Wanat, Bernie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **729**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367905**  
 Easting: **18,284.99**  
 Northing: **5,939,108.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-053-05 W5M**

Well Number **08111**

Well Owner: **Holosney, Ed**

Elevation (AMSL) (m): **750**

AEP: **394172**

Drilling Contractor: **Big Iron Drilling Ltd.**

Licence No.:

Easting: **17,748.46**

Date Started: **25 Oct 74**

Northing: **5,938,397.50**

Date Completed: **28 Oct 74**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth: **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **10.7** Bottom (m): **10.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **10.7**  
**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **12.2**  
 Perforated How: **Torch**  
 from (m): **10.7** to **12.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **15.2**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **150.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	745.0	Sand & Gravel
9.1	740.4	Clay
10.7	738.9	Shale
15.2	734.3	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-053-05 W5M**

Well Number **08112**

Well Owner: **Mowat, Tom/Ann**  
 Drilling Contractor: *Kap'S Drilling Ltd.*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started: **01 Jul 92**  
 Date Completed: **03 Jul 92**  
 AEP: **365321**  
 Easting: **17,748.46**  
 Northing: **5,938,397.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **41.5** Bottom (m): **41.5**  
 OD (mm): **141.2** Thickness (mm): **0.2**  
 Seal Type: **Driven**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **41.2** Bottom (m): **61.0**  
 Perforated How: **Saw**  
 from (m): **41.8** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Berkeley 10mg7** Intake (m): **41.2**  
**Testing:**  
 Rate (lpm): **9.1** Time (minute): **480.0**  
 Level End (m): **41.2** Drawdown (m): **32.0**  
 Rec'd intake (m): **41.2** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
2.4	747.1	Clay
4.0	745.6	Coal
14.6	734.9	Sandstone
16.1	733.4	Coal
17.7	731.9	Shale
19.2	730.3	Coal
42.7	706.9	Shale
43.6	706.0	Coal
56.1	693.5	Shale
57.0	692.5	Coal
61.0	688.6	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 31-053-05 W5M**

Well Number **08113**

Well Owner: **Poplar Springs Park Ltd**

Elevation (AMSL) (m): **750**

AEP: **399742**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **17,748.46**

Date Started: **20 Sep 94**

Northing: **5,938,397.50**

Date Completed: **22 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **70.7** (m)  
 NPWL (m): **6.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **28.0**

**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **26.5** Bottom (m): **69.8**  
 Perforated How: **Saw**  
 from (m): **28.0** to **69.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S5p4c02tl-02** Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **29.0** Drawdown (m): **22.9**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	747.7	Gravel
2.1	747.4	Clay
2.4	747.1	Gravel
4.3	745.3	Clay Hard
5.8	743.7	Sand
10.4	739.2	Gravel
11.6	738.0	Clay & Boulders
13.1	736.4	Clay Blue
15.2	734.3	Shale Gray
19.8	729.7	Sand & Rocks
24.4	725.2	Clay Blue
26.8	722.7	Gravel
30.5	719.1	Shale Light Gray
32.3	717.2	Shale & Coal Brown
35.0	714.5	Sandstone
44.5	705.0	Shale
45.1	704.4	Shale Gray
46.0	703.5	Coal
51.2	698.3	Shale Light Gray
52.1	697.4	Shale & Coal Brown
56.1	693.5	Shale Gray
57.6	691.9	Shale & Coal Brown
60.7	688.9	Shale Gray
61.9	687.7	Coal
63.1	686.4	Shale Gray
70.4	679.1	Shale Sandy Gray
70.7	678.8	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

01-32-053-05 W5M

Well Number 08114

Well Owner: **Stein, John**

Elevation (AMSL) (m): **761**

AEP: **369477**

Drilling Contractor: *Inglis Water Well Drilling*

Licence No.:

Easting: **20,325.87**

Date Started: **14 Jun 93**

Northing: **5,938,392.00**

Date Completed: **15 Jun 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **20.4** Bottom (m): **20.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **20.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **27.4**  
 Perforated How: **Saw**  
 from (m): **21.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **A+5 50** Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **18.3**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	759.6			Boulders
6.7	753.8			Coal
12.2	748.3			Clay
15.2	745.3			Sandstone
16.8	743.7			Shale
18.3	742.2			Sandstone
22.9	737.6			Shale & Coal
24.4	736.1			Sandstone Water Bearing
27.4	733.1			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 32-053-05 W5M**

Well Number **08115**

Well Owner: **Heller, Kay**

Elevation (AMSL) (m): **730**

AEP: **366652**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **20,362.97**

Date Started: **17 Sep 92**

Northing: **5,939,150.50**

Date Completed: **18 Sep 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **8.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.9** Bottom (m): **25.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.7** Bottom (m): **42.7**  
 Perforated How: **Saw**  
 from (m): **27.4** to **41.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **27.4**  
**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **22.3** Drawdown (m): **13.7**  
 Rec'd intake (m): **25.3** Rec'd Rate (lpm): **27.4**

<b>Depth</b>	<b>Elevation</b>	
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	726.4	Clay Brown
4.6	725.4	Clay Yellow
6.7	723.3	Gravel
9.4	720.6	Sand
11.3	718.7	Clay Brown
12.8	717.2	Clay Gray
14.6	715.4	Gravel
16.8	713.3	Clay
20.7	709.3	Gravel
24.1	705.9	Shale Brownish Gray
25.3	704.7	Coal
27.7	702.3	Shale Greenish Gray
39.0	691.0	Sandstone Gray
39.9	690.1	Coal
42.7	687.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-053-05 W5M**

Well Number **08116**

Well Owner: **Huckaluk, Joyce**

Elevation (AMSL) (m): **730**

AEP: **399347**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **20,362.97**

Date Started: **21 Nov 94**

Northing: **5,939,150.50**

Date Completed: **21 Nov 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **13.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **18.3** to **19.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.1** Bottom (m): **36.6**  
 Perforated How: **Hand Drill**  
 from (m): **21.9** to **34.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **30.5**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **24.4** Drawdown (m): **11.3**  
 Rec'd intake (m): **24.4** Rec'd Rate (lpm): **68.4**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	724.8	Till Brownish Yellow
7.0	723.0	Sand & Gravel
8.2	721.8	Till Blue
9.1	720.9	Coal
11.3	718.7	Shale Brownish Yellow
14.6	715.4	Coal
15.9	714.2	Shale Brown
18.6	711.4	Shale Green
22.9	707.2	Shale Gray
25.6	704.4	Sandstone Fine Grained
26.2	703.8	Coal
26.8	703.2	Shale Brown
28.7	701.4	Shale Brownish Gray
32.3	697.7	Shale Fractured Gray
34.1	695.9	Sandstone Fine Grained
35.0	695.0	Shale Bentonitic
36.6	693.4	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-053-05 W5M**

Well Number **08117**

Well Owner: **Leskiw, Larry**

Elevation (AMSL) (m): **730**

AEP: **401095**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **20,362.97**

Date Started: **25 Jan 95**

Northing: **5,939,150.50**

Date Completed: **25 Jan 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **28.0** Bottom (m): **28.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **28.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **4.6** Bottom (m): **54.3**  
 Perforated How: **Machine**  
 from (m): **32.9** to **54.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **36.6**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **29.3**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	728.2	Clay Sandy Brown
4.3	725.7	Sand Brown
4.9	725.1	Clay Gray
10.4	719.7	Sand Brown
18.9	711.1	Clay Sandy Gray
25.9	704.1	Sand & Gravel
29.9	700.1	Shale Gray
37.8	692.2	Shale Sandy Gray
41.2	688.9	Shale Gray
42.4	687.6	Coal
43.9	686.1	Shale Sandy Gray
47.9	682.2	Shale Gray
49.1	680.9	Coal
50.6	679.4	Shale Gray
54.6	675.5	Shale Sandy
54.9	675.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-053-05 W5M**

Well Number **08118**

Well Owner: **Picton, Bill**

Elevation (AMSL) (m): **730**

AEP: **351087**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **20,362.97**

Date Started: **16 May 90**

Northing: **5,939,150.50**

Date Completed: **16 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **19.8** Bottom (m): **61.0**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **36.6** Drawdown (m): **25.9**  
 Rec'd intake (m): Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.7	716.3	Sandstone Coarse Grained Brown
17.1	712.9	Clay Silty Blue
18.6	711.4	Shale Brown
19.5	710.5	Coal
21.3	708.7	Shale Gray
22.3	707.8	Coal
24.7	705.3	Shale Fractured Gray
28.0	702.0	Sandstone
35.0	695.0	Shale Gray
36.3	693.7	Sandstone
39.3	690.7	Shale Gray
39.6	690.4	Shale Brown
40.2	689.8	Coal
46.0	684.0	Shale Gray
46.6	683.4	Coal
47.9	682.2	Shale Gray
49.1	680.9	Coal
50.3	679.7	Shale Fractured
51.5	678.5	Sandstone Fine Grained
52.1	677.9	Coal
56.4	673.6	Sandstone
61.0	669.1	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 32-053-05 W5M**

Well Number **08119**

Well Owner: **Purvis, G.J**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **730**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356931**  
 Easting: **20,362.97**  
 Northing: **5,939,150.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **11.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 32-053-05 W5M**

Well Number **08120**

Well Owner: **Saunders, Don**

Elevation (AMSL) (m): **730**

AEP: **351086**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **20,362.97**

Date Started: **11 May 90**

Northing: **5,939,150.50**

Date Completed: **11 May 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **54.9**  
 Perforated How: **Hand Drill**  
 from (m): **36.6** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **21.3** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **91.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
15.2	714.8	Sand
21.3	708.7	Clay Blue
22.9	707.2	Coal
23.8	706.2	Shale Brown
27.4	702.6	Shale Fractured Gray
33.5	696.5	Shale Gray
38.1	691.9	Sandstone
39.0	691.0	Shale Gray
40.8	689.2	Coal
43.0	687.0	Shale Gray
45.1	684.9	Coal
47.2	682.8	Shale Gray
49.1	680.9	Sandstone
50.6	679.4	Coal
53.0	677.0	Sandstone
54.9	675.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 32-053-05 W5M**

Well Number **08121**

Well Owner: **Camp He Ho Ha**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354055**  
 Easting: **19,287.85**  
 Northing: **5,939,377.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 32-053-05 W5M**

Well Number **08122**

Well Owner: **Master Mechanical Ltd**

Elevation (AMSL) (m): **728**

AEP: **354054**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **19,287.85**

Date Started: **22 Jul 83**

Northing: **5,939,377.00**

Date Completed: **27 Jul 83**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **33.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **32.6** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **42.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **59.3** Time (minute): **480.0**  
 Level End (m): **30.5** Drawdown (m): **22.9**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	727.0	Sand
5.5	722.4	Clay Yellow
17.1	710.8	Sand & Gravel
18.6	709.3	Shale Brown
22.3	705.6	Clay Sandy Blue
29.9	698.0	Sand & Gravel
31.4	696.5	Shale Gray
39.6	688.3	Shale Gray
40.5	687.3	Shale & Coal Brown
44.8	683.1	Shale Gray
45.4	682.5	Coal
49.4	678.5	Sandstone Light Gray
52.4	675.5	Shale Gray
52.7	675.2	Shale Brown
53.0	674.9	Coal
54.9	673.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-053-06 W5M**

Well Number **08133**

Well Owner: **Buffel, Maurice**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365243**  
 Easting: **17,240.40**  
 Northing: **5,931,302.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-053-06 W5M**

Well Number **08134**

Well Owner: **Stan Bud Construction Ltd**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **745**      AEP: **449031**  
 Licence No.:                      Easting: **16,076.16**  
 Date Started: **08 May 84**      Northing: **5,931,369.50**  
 Date Completed: **09 May 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.2** (m)  
 NPWL (m): **12.2**      Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **15.2**      Bottom (m): **15.2**  
 OD (mm): **141.2**      Thickness (mm):  
 Seal Type: **Driven & Formation P**  
 from (m):      to **15.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3**      Thickness (mm):  
 Top (m): **15.2**      Bottom (m): **32.3**  
 Perforated How: **Machine**  
 from (m): **15.2**      to **32.3**      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:  
**Open Hole:**  
 from (m):      to  
**Pump:**  
 Model:      Intake (m): **13.7**  
**Testing:**  
 Rate (lpm): **31.9**      Time (minute): **420.0**  
 Level End (m): **13.7**      Drawdown (m): **1.5**  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
14.6	730.8	Clay Sandy Yellow
14.9	730.5	Sandstone
33.2	712.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 01-053-06 W5M**

Well Number **08135**

Well Owner: **Shumborski**

Elevation (AMSL) (m): **729**

AEP: **394171**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **16,963.74**

Date Started:

Northing: **5,930,306.00**

Date Completed: **31 Oct 67**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **16.5** Bottom (m): **16.5**  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **116.8** Thickness (mm):  
 Top (m): Bottom (m): **27.4**  
 Perforated How:  
 from (m): **15.2** to **27.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **54.7** Time (minute): **60.0**  
 Level End (m): **13.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
7.6	721.8		Gravel
10.7	718.8		Sand
25.9	703.6		Sandstone Water Bearing
26.5	702.9		Clay & Coal Brown
27.4	702.0		Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

02-02-053-06 W5M

Well Number 08136

Well Owner: **Dzus, Sam**

Elevation (AMSL) (m): **748**

AEP: **449098**

Drilling Contractor: *Cal & Norm'S Drilling*

Licence No.:

Easting: **15,122.89**

Date Started: **04 Nov 77**

Northing: **5,930,113.00**

Date Completed: **04 Nov 77**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Stock**  
Completed Depth: **36.6** (m)  
NPWL (m): **18.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **27.7** Bottom (m): **27.7**  
OD (mm): **114.3** Thickness (mm): **0.0**  
Seal Type: **Driven**  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **60.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): **25.9** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	743.6	Clay Blue
12.8	735.7	Shale Yellow
21.3	727.2	Sandstone Brown
22.3	726.2	Sandstone Blue
23.8	724.7	Shale Sandy
27.4	721.1	Sandstone Blue
36.6	711.9	Shale Sandy

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

**SE 02-053-06 W5M**

Well Number **08137**

Well Owner: **Dzus, Morris**

Elevation (AMSL) (m): **740**

AEP: **361182**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **15,337.81**

Date Started: **01 Aug 91**

Northing: **5,930,304.50**

Date Completed: **01 Aug 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **18.3** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **18.3**  
 Perforated How: **Saw**  
 from (m): **14.6** to **18.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **12.2**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **180.0**  
 Level End (m): **10.7** Drawdown (m): **3.1**  
 Rec'd intake (m): **13.7** Rec'd Rate (lpm): **54.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	736.6	Clay Brown
8.5	731.7	Sandstone Brown
10.7	729.6	Sandstone Blue
11.9	728.4	Sand & Rocks Blue
13.7	726.6	Shale Gray
18.3	722.0	Sandstone Coarse Grained Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

09-03-053-06 W5M

Well Number 08138

Well Owner: **Alta Env #1320e**

Elevation (AMSL) (m): **757**

AEP: **401683**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **13,992.42**

Date Started:

Northing: **5,931,128.00**

Date Completed: **12 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	751.3	Clay Dark Gray
10.7	746.8	Clay Silty Dark Gray
12.2	745.3	Siltstone
15.2	742.2	Sandstone Medium Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-06-053-06 W5M

Well Number 08139

Well Owner: **Morgan Hydrocarbons Sp# 121**

Elevation (AMSL) (m): **764**

AEP: **364797**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.68**

Date Started: **16 Aug 92**

Northing: **5,930,095.89**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Plug & Cement**      **25 Aug 92**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

01-06-053-06 W5M

Well Number 08140

Well Owner: **Morgan Hydrocarbons Sp# 123**

Elevation (AMSL) (m): **764**

AEP: **363793**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,037.68**

Date Started: **16 Aug 92**

Northing: **5,930,095.89**

Date Completed: **21 Aug 92**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.0** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plug & Cement 25 Aug 92**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



15-09-053-06 W5M

Well Number 08141

Well Owner: **Belcourt, N.**

Elevation (AMSL) (m): **806**

AEP: **361103**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **12,303.15**

Date Started: **25 Nov 91**

Northing: **5,933,193.50**

Date Completed: **26 Nov 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **28.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **16.5** to **18.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **42.7**  
 Perforated How: **Saw**  
 from (m): **30.5** to **36.0** Size:  
 from (m): **37.2** to **42.7** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **170.0**  
 Level End (m): **36.6** Drawdown (m): **8.5**  
 Rec'd intake (m): **36.6** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.8	803.9	Clay & Sand Brown
3.4	802.4	Sand Fine Grained Brown
8.8	796.9	Till & Clay Gray
9.1	796.6	Clay Oxidized Brown
10.7	795.1	Shale Brownish Gray
11.9	793.9	Shale Fractured Gray
12.5	793.2	Shale Green
14.0	791.7	Shale Light Brown
19.8	785.9	Shale Green
24.4	781.4	Shale Stringers Brownish Gray
25.6	780.1	Sandstone Hard
29.3	776.5	Shale Light Brown
30.5	775.3	Sandstone Coarse Grained Gray
30.8	775.0	Shale Green
31.1	774.7	Coal
33.2	772.5	Shale Green
33.5	772.2	Coal
36.3	769.5	Shale Gray
36.6	769.2	Coal
39.6	766.1	Shale Green
39.9	765.8	Sandstone Green
42.7	763.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-06 W5M**

Well Number **08142**

Well Owner: **Faja Ranches**

Elevation (AMSL) (m): **831**

AEP: **351501**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **11,234.19**

Date Started: **07 Jun 90**

Northing: **5,933,308.50**

Date Completed: **11 Jun 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **82.3** (m)  
 NPWL (m): **66.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **32.3** Bottom (m): **82.3**  
 Perforated How: **Other**  
 from (m): **54.9** to **82.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **78.3**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **4.0**  
 Rec'd intake (m): **78.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	827.7	Clay Brown
4.6	826.5	Sand
5.2	825.8	Clay Gray
10.1	821.0	Sand
14.6	816.4	Clay
32.9	798.1	Shale Fractured
35.0	796.0	Shale Green
53.6	777.4	Shale
54.0	777.1	Coal
60.0	771.0	Shale
60.4	770.7	Coal
66.8	764.3	Shale
70.1	760.9	Sandstone
74.7	756.4	Shale
81.1	750.0	Sandstone
82.3	748.7	Shale Lost Circulation

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 09-053-06 W5M**

Well Number **08143**

Well Owner: **Smith, Amy N**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **831**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **363745**  
 Easting: **11,234.19**  
 Northing: **5,933,308.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-11-053-06 W5M

Well Number 08144

Well Owner: **Alta Env #1319e**

Elevation (AMSL) (m): **756**

AEP: **401684**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **14,152.29**

Date Started:

Northing: **5,931,854.50**

Date Completed: **12 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **22.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	754.8	Clay Lacustrine Brown
3.1	753.3	Siltstone Brownish Gray
6.1	750.2	Siltstone Bentonitic Light Gra
10.7	745.7	Siltstone Light Yellow
18.6	737.7	Sandstone Fine Grained Greenis
22.9	733.5	Sandstone Medium Grained Dark

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

16-11-053-06 W5M

Well Number 08145

Well Owner: **Alta Env #1343(B)**  
 Drilling Contractor: *Alberta Environment*

Elevation (AMSL) (m): **761**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **401686**  
 Easting: **15,357.51**  
 Northing: **5,932,944.00**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**16-11-053-06 W5M**

Well Number **08146**

Well Owner: **Alta Env #1343e**

Elevation (AMSL) (m): **761**

AEP: **401685**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **15,357.51**

Date Started:

Northing: **5,932,944.00**

Date Completed: **24 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **42.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
1.2	759.8			Sand & Gravel
10.7	750.4			Sandstone Greenish Gray
33.2	727.8			Sandstone Medium Grained Dark
36.6	724.5			Siltstone Carbonaceous Greenis
38.1	722.9			Siltstone Carbonaceous Brown
41.5	719.6			Coal
42.7	718.4			Shale & Coal Carbonaceous

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

01-12-053-06 W5M

Well Number 08147

Well Owner: **Alta Env #1317e**

Elevation (AMSL) (m): **735**

AEP: **401695**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **17,253.42**

Date Started:

Northing: **5,931,863.00**

Date Completed: **11 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **33.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
0.6	734.2	Sand Fine Grained
5.5	729.3	Sandstone Medium Grained Green
15.2	719.6	Sandstone Medium Grained Gray
21.3	713.5	Sandstone Gray
29.3	705.6	Coal
33.5	701.3	Siltstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-053-06 W5M**

Well Number **08148**

Well Owner: **Smith, Gordon**

Elevation (AMSL) (m): **735**

AEP: **369405**

Licence No.:

Easting: **16,767.77**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Date Started: **31 May 93**

Northing: **5,932,025.00**

Date Completed: **31 May 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **30.5** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **19.5**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **30.5**  
 Perforated How: **Saw**  
 from (m): **19.8** to **22.9** Size:  
 from (m): **25.3** to **29.6** Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **16.0** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **25.9** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
	2.4	732.7		Sand
	11.6	723.5		Sandstone Brown
	13.7	721.4		Coal
	18.6	716.5		Sandstone Blue
	19.8	715.3		Shale Gray
	29.9	705.2		Sandstone Blue
	30.5	704.6		Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



08-13-053-06 W5M

Well Number 08149

Well Owner: **Cable Ridge Joint Venture**

Elevation (AMSL) (m): **753**

AEP: **357773**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **17,129.12**

Date Started: **01 Jan 79**

Northing: **5,933,922.00**

Date Completed: **01 Jan 79**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **28.7** (m)  
 NPWL (m): **11.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to **12.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **28.7**  
 Perforated How: **Torch**  
 from (m): **16.5** to **28.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **25.9**

**Testing:**

Rate (lpm): **50.2** Time (minute): **600.0**  
 Level End (m): **25.9** Drawdown (m): **1.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	749.5	Clay
6.1	746.4	Clay Brown
7.9	744.6	Clay Sandy Yellow
8.5	744.0	Clay Gray
14.0	738.5	Clay Sandy Yellow
15.2	737.3	Sandstone Hard
25.6	726.9	Sandstone Soft
28.7	723.9	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 13-053-06 W5M**

Well Number **08150**

Well Owner: **Kamp, Hank C.D**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **758**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356932**  
 Easting: **16,686.84**  
 Northing: **5,934,692.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **70.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

04-14-053-06 W5M

Well Number 08151

Well Owner: Alta Env #13444

Elevation (AMSL) (m): 772

AEP: 401696

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 14,093.14

Date Started:

Northing: 5,933,524.50

Date Completed: 24 Oct 74

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Drilled**  
Well Use: **Investigation**  
Completed Depth **30.5** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	770.0	Clay Silty Black
8.8	762.7	Clay Loamy Black
19.2	752.3	Siltstone Dark Green
29.0	742.6	Sandstone Fine Grained Gray
30.5	741.0	Sandstone Medium Grained Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 16-053-06 W5M**

Well Number **08152**

Well Owner: **Potiuk, Theresa**

Elevation (AMSL) (m): **738**

AEP: **367232**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,208.62**

Date Started: **04 Dec 92**

Northing: **5,934,742.00**

Date Completed: **04 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **63.4** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **27.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.0** Bottom (m): **62.8**  
 Perforated How: **Machine**  
 from (m): **32.3** to **62.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **45.7**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **37.8**  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	733.5	Clay Brown
5.5	732.6	Sand Brown
14.0	724.1	Clay Gray
21.6	716.4	Sand Loose Brown
24.4	713.7	Clay & Sand
28.4	709.7	Shale Dark Gray
29.6	708.5	Shale Sandy Gray
32.6	705.5	Shale Gray
36.3	701.8	Coal
37.8	700.3	Shale Gray
41.5	696.6	Sand & Shale
43.0	695.1	Shale & Coal
44.5	693.6	Shale Gray
47.9	690.2	Shale Sandy Gray
51.5	686.6	Sand Gray
58.2	679.9	Sand & Sandstone Gray
62.8	675.3	Sand Gray
63.4	674.7	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 16-053-06 W5M**

Well Number **08153**

Well Owner: **360439 Alta Ltd**

Elevation (AMSL) (m): **817**

AEP: **369721**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **11,473.74**

Date Started: **16 Jan 89**

Northing: **5,933,410.00**

Date Completed: **17 Jan 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **75.0** (m)  
 NPWL (m): **16.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.7** Bottom (m): **42.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **21.3**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.6** Bottom (m): **70.1**  
 Perforated How: **Machine**  
 from (m): **24.4** to **33.5** Size:  
 from (m): **64.0** to **70.1** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **73.0** Time (minute): **120.0**  
 Level End (m): **27.4** Drawdown (m): **11.0**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	813.6	Clay & Sand
5.5	811.5	Sand Brown
7.9	809.0	Clay Sandy
10.1	806.9	Shale Brown
12.5	804.5	Sand & Shale Brown
15.9	801.1	Shale Gray
18.3	798.7	Shale Brown
22.9	794.1	Shale Green
33.5	783.4	Sand & Sandstone Brownish Gra
38.4	778.6	Shale Brown
43.9	773.1	Sand Fine Grained Brown
49.7	767.3	Shale Green
58.5	758.4	Shale Gray
61.3	755.7	Sand & Shale Gray
66.1	750.8	Shale Green
67.4	749.6	Coal
75.0	742.0	Shale Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-053-06 W5M**

Well Number **08154**

Well Owner: **Smith, Amy N**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356933**  
 Easting: **9,551.26**  
 Northing: **5,934,272.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 18-053-06 W5M**

Well Number **08155**

Well Owner: **Gylander, Allan**

Elevation (AMSL) (m): **739**

AEP: **354056**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,177.31**

Date Started: **11 Oct 88**

Northing: **5,934,668.00**

Date Completed: **11 Oct 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **54.9** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **31.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.2** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **48.8** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **36.6**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **33.5** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm): **45.6**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.9	734.0	Clay
5.5	733.4	Sand Brown
8.8	730.1	Clay Sandy
13.4	725.5	Gravel
14.9	724.0	Clay Sandy
19.8	719.1	Clay
22.3	716.7	Sand Gray
25.0	713.9	Sand & Gravel
28.7	710.3	Coal
34.1	704.8	Shale Gray
36.0	702.9	Coal
44.8	694.1	Shale & Coal
47.2	691.7	Sand & Shale Fine Grained Gray
49.7	689.2	Sand Coarse Grained Gray
54.9	684.0	Sand See Comments Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 19-053-06 W5M**

Well Number **08156**

Well Owner: **Deans, Sharon**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **752**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **368530**  
 Easting: **7,902.83**  
 Northing: **5,935,366.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 19-053-06 W5M**

Well Number **08157**

Well Owner: **Ursel, Clarence**

Elevation (AMSL) (m): **752**

AEP: **362772**

Licence No.:

Easting: **7,902.83**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Date Started: **30 Aug 91**

Northing: **5,935,366.00**

Date Completed: **03 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **69.8** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **34.1** Bottom (m): **34.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **34.1**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.1** Bottom (m): **68.9**  
 Perforated How: **Machine**  
 from (m): **31.1** to **68.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **30.5** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.8	746.4	Clay Yellow
22.9	729.3	Clay Blue
23.8	728.4	Gravel
25.3	726.9	Clay Blue
34.1	718.0	Shale Sandy Gray
34.8	717.4	Shale Brown
38.4	713.8	Coal
41.2	711.0	Shale Gray
41.8	710.4	Shale Sandy Gray
57.6	694.6	Shale Gray
58.5	693.6	Coal
59.4	692.7	Shale Gray
69.2	683.0	Sandstone
69.8	682.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

05-20-053-06 W5M

Well Number 08158

Well Owner: **Alta Env #1323e**

Elevation (AMSL) (m): **744**

AEP: **401698**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **9,449.88**

Date Started:

Northing: **5,935,368.50**

Date Completed: **13 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **51.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
7.6	736.0	Clay Oxidized Greenish Yellow
12.2	731.4	Sand Pebbly
15.2	728.4	Silt Soft Dark Gray
19.8	723.8	Sand Medium Grained Bluish Gre
21.3	722.3	Gravel
23.2	720.4	Coal Hard
26.2	717.4	Sandstone
29.0	714.7	Coal
35.0	708.6	Siltstone Compacted Dark Gray
38.1	705.5	Shale Soft Dark Gray
39.9	703.7	Siltstone Compacted Dark Gray
47.2	696.4	Sandstone Bentonitic Gray
51.8	691.8	Sandstone Water Bearing Dark G

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**12-20-053-06 W5M**

Well Number **08159**

Well Owner: **Alta Env #1544e**

Elevation (AMSL) (m): **754**

AEP: **401699**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **9,347.27**

Date Started: **16 Nov 75**

Northing: **5,935,984.00**

Date Completed: **16 Nov 75**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.7	750.4	Clay Oxidized Greenish Yellow
9.1	744.9	Silt Greenish Yellow
10.7	743.4	Clay Dark Gray
13.4	740.6	Clay Silty Dark Gray
15.9	738.2	Gravel
20.1	733.9	Siltstone & Sandstone Oxidized
27.1	726.9	Sandstone Oxidized Greenish Ye
28.4	725.7	Sandstone Oxidized Gray
29.0	725.1	Coal Soft
32.0	722.0	Shale Carbonaceous Black
33.5	720.5	Siltstone Compacted Dark Gray
37.2	716.8	Coal Hard
42.1	712.0	Siltstone Compacted Dark Gray
44.2	709.8	Coal Hard
47.2	706.8	Siltstone Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>Yes</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

05-20-053-06 W5M

Well Number 08160

Well Owner: **Alta Env #1910e**

Elevation (AMSL) (m): **744**

AEP: **401697**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **9,449.88**

Date Started: **28 Jun 79**

Northing: **5,935,368.50**

Date Completed: **28 Jun 79**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Investigation**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
0.3	743.3	Topsoil
9.1	734.5	Clay Greenish Gray
12.8	730.8	Sand Very Fine Grained
14.0	729.6	Clay Sandy Dark Gray
14.6	729.0	Sand Very Fine Grained
15.5	728.1	Clay Sandy Dark Gray
18.3	725.3	Sand Very Fine Grained
18.9	724.7	Sand
21.0	722.6	Clay Sandy Dark Gray
25.0	718.6	See Comments
26.2	717.4	Siltstone Dark Gray
32.0	711.6	Coal
38.1	705.5	Siltstone Bentonitic Dark Gray
38.4	705.2	Coal
41.8	701.8	Siltstone Bentonitic Dark Gray
43.9	699.7	Sandstone Bentonitic Gray
45.4	698.2	Sandstone Hard Gray
54.9	688.7	Sandstone Bentonitic Gray
55.8	687.8	Sandstone Gray
56.4	687.2	Sandstone Hard Dark Gray
63.1	680.5	Sandstone Gray
63.7	679.9	Limestone Hard
65.5	678.1	Shale Dark Gray
70.1	673.5	Siltstone Dark Gray
72.2	671.4	Shale Carbonaceous Dark Gray
72.5	671.1	Shale Fissile Gray
73.2	670.5	Shale Dark Gray
82.3	661.3	Siltstone Dark Gray
86.6	657.0	Sandstone Bentonitic Light Gra
86.9	656.7	Coal
91.4	652.2	Shale Carbonaceous Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-053-06 W5M**

Well Number **08161**

Well Owner: **Hedch, Allan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367909**  
 Easting: **9,468.69**  
 Northing: **5,935,371.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **48.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<p><b>(No Lithologic Information Available)</b></p>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

08-21-053-06 W5M

Well Number 08162

Well Owner: **Alta Env #1322e**

Elevation (AMSL) (m): **755**

AEP: **401700**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **12,469.28**

Date Started:

Northing: **5,935,381.00**

Date Completed: **12 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	749.2	Clay Sandy Greenish Gray
10.1	745.2	Clay Loamy Dark Gray
12.2	743.1	Clay Sandy Greenish Yellow
16.1	739.1	Sand
21.9	733.3	Gravel
24.4	730.9	Siltstone Dark Gray
27.7	727.5	Shale Silty Brown
29.0	726.3	Siltstone Black

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-22-053-06 W5M

Well Number 08163

Well Owner: **Alta Env #1321e**

Elevation (AMSL) (m): **735**

AEP: **401701**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **14,085.84**

Date Started:

Northing: **5,935,116.50**

Date Completed: **12 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **70.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	733.2	Silt Soft Greenish Yellow
6.7	728.0	Clay Sandy Greenish Yellow
31.1	703.7	Sandstone Dark Gray
32.9	701.8	Coal Hard
36.9	697.9	Siltstone Dark Gray
38.1	696.7	Siltstone & Coal
44.2	690.6	Shale & Coal Carbonaceous
47.2	687.5	Siltstone Compacted Dark Gray
54.3	680.5	Sandstone Fine Grained Dark Gr
56.4	678.4	Siltstone Brownish Gray
61.0	673.8	Shale Carbonaceous Black
70.1	664.7	Siltstone Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 22-053-06 W5M**

Well Number **08164**

Well Owner: **Dzus, G**

Elevation (AMSL) (m): **731**

AEP: **366258**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **14,002.91**

Date Started: **20 Aug 88**

Northing: **5,935,325.00**

Date Completed: **20 Aug 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **12.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **6.7** Bottom (m): **6.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **6.4**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.5**  
 from (m): **6.7** to **8.2** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **6.1**

**Testing:**

Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **7.0** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	727.5			Clay Brown
5.2	726.0			Clay Blue
7.9	723.3			Gravel Fine Grained
11.9	719.3			Clay Blue
12.2	719.0			Shale Soft Dark Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 23-053-06 W5M**

Well Number **08165**

Well Owner: **Baldock, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361725**  
 Easting: **14,684.25**  
 Northing: **5,935,839.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 23-053-06 W5M**

Well Number **08166**

Well Owner: **Birzgalis, John**

Elevation (AMSL) (m): **728**

AEP: **357887**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **14,684.25**

Date Started: **16 May 91**

Northing: **5,935,839.00**

Date Completed: **16 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.1** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **9.1** Bottom (m): **9.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Packer**  
 from (m): to **9.1**

**Liner:**

Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **6.1** Bottom (m): **23.2**  
 Perforated How: **Machine**  
 from (m): **9.1** to **23.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	723.9	Clay Yellow
7.9	720.0	Clay Blue
24.1	703.8	Shale Sandy Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 23-053-06 W5M**

Well Number **08167**

Well Owner: **Grad, Celeste**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364824**  
 Easting: **14,684.25**  
 Northing: **5,935,839.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **9.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 23-053-06 W5M**

Well Number **08168**

Well Owner: **Vanderleest, John**

Elevation (AMSL) (m): **728**

AEP: **354830**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **14,684.25**

Date Started: **17 Sep 90**

Northing: **5,935,839.00**

Date Completed: **18 Sep 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **117.7** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **17.7**

**Liner:**  
 Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): **4.0** Bottom (m): **117.7**  
 Perforated How: **Machine**  
 from (m): **24.4** to **79.2** Size:  
 from (m): **96.3** to **114.6** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m):

**Testing:**  
 Rate (lpm): **4.6** Time (minute): **360.0**  
 Level End (m): **73.2** Drawdown (m): **65.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	723.6	Clay & Rocks
11.9	716.0	Clay Gray
14.0	713.9	Coal Fractured
15.5	712.3	Coal
18.9	709.0	Shale Soft Gray
22.6	705.3	Coal
26.2	701.7	Shale Sandy Gray
32.0	695.9	Coal
36.3	691.6	Shale Sandy Gray
39.0	688.9	Sand Gray
39.9	687.9	Shale Gray
41.2	686.7	Sandstone Gray
47.6	680.3	Shale Gray
48.5	679.4	Sandstone Gray
52.7	675.1	Shale Gray
69.5	658.4	Sand Gray
71.0	656.9	Shale Gray
73.2	654.7	Sand Gray
76.8	651.1	Shale Gray
77.4	650.5	Coal
85.0	642.8	Sand Fine Grained Gray
98.8	629.1	Shale & Coal
107.9	620.0	Sand Gray
109.7	618.2	Shale Green
115.2	612.7	Sand Gray
117.7	610.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-053-06 W5M**

Well Number **08169**

Well Owner: **Smith, Roy**

Elevation (AMSL) (m): **743**

AEP: **443290**

Drilling Contractor: *Summers, David Drilling*

Licence No.:

Easting: **14,697.32**

Date Started: **15 Aug 94**

Northing: **5,935,012.00**

Date Completed: **16 Aug 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **4.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **13.7** Bottom (m): **13.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **13.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.1** Bottom (m): **45.7**  
 Perforated How: **Saw**  
 from (m): **18.3** to **45.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **41.2**

**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **41.2** Drawdown (m): **36.9**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
3.1	739.5	Clay
3.7	738.9	Clay Silty
4.0	738.6	Sand
7.9	734.7	Clay
11.0	731.6	Coal
12.2	730.4	Shale Gray
16.8	725.8	Shale Brown
18.3	724.3	Coal
21.9	720.7	Shale
33.5	709.1	Shale
34.8	707.8	Coal
45.7	696.9	Shale & Coal Mixed

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-053-06 W5M**

Well Number **08170**

Well Owner: **Stobles, John**

Elevation (AMSL) (m): **743**

AEP: **414876**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **14,697.32**

Date Started: **27 Mar 95**

Northing: **5,935,012.00**

Date Completed: **31 Mar 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **38.1** Bottom (m): **38.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): **33.5** to **38.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **103.6**  
 Perforated How: **Machine**  
 from (m): **91.4** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 5g07422** Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **90.5**  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	738.0	Clay Brown
8.2	734.4	Sand Brown
33.2	709.4	Sandstone
36.0	706.6	Shale & Coal Brown
40.2	702.4	Shale Gray
48.5	694.1	Shale & Coal Brown
52.7	689.9	Sandstone
59.4	683.2	Shale Gray
63.4	679.2	Shale Brown
66.4	676.2	Coal
73.5	669.1	Shale Gray
79.6	663.0	Shale Green
84.4	658.2	Shale & Coal Brown
91.7	650.9	Sandstone
93.0	649.6	Coal
96.0	646.6	Shale Gray
98.1	644.5	Sandstone
99.4	643.2	Shale Green
100.6	642.0	Shale & Coal Brown
103.6	639.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 23-053-06 W5M**

Well Number **08171**

Well Owner: **Tetreault, Therese**

Elevation (AMSL) (m): **740**

AEP: **378270**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **14,510.23**

Date Started: **28 Jun 95**

Northing: **5,935,159.34**

Date Completed: **30 Jun 95**

**General:**  
 Type of Work: **Test Hole-Abandoned**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **111.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment: **Bentonite Product 07 Jul 95**

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.9	735.0	Clay Sandy Yellow
8.5	731.3	Clay Blue
18.0	721.9	Coal
29.3	710.6	Shale Gray
38.1	701.8	Shale & Coal Brown
39.9	699.9	Shale Gray
43.9	696.0	Coal
52.1	687.8	Shale Gray
59.1	680.7	Sandstone
61.9	678.0	Shale Gray
62.8	677.1	Shale & Coal Brown
70.4	669.5	Shale Gray
72.5	667.3	Shale & Coal Brown
74.1	665.8	Shale Gray
75.0	664.9	Shale & Coal Brown
85.6	654.2	Sandstone
89.6	650.3	Shale Gray
91.1	648.7	Coal
92.7	647.2	Sandstone
94.2	645.7	Coal
97.2	642.6	Shale Green
101.2	638.7	Sandstone
111.3	628.6	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**SW 23-053-06 W5M**

Well Number **08172**

Well Owner: **Tetreault, Therese**

Elevation (AMSL) (m): **743**

AEP: **378385**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **14,697.32**

Date Started: **05 Jul 95**

Northing: **5,935,012.00**

Date Completed: **06 Jul 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **122.8** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.2** Bottom (m): **33.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **33.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **31.7** Bottom (m): **122.8**  
 Perforated How: **Saw**  
 from (m): **76.2** to **121.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **122.8**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **93.9** Drawdown (m): **83.2**  
 Rec'd intake (m): **94.5** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
4.3	738.3	Clay Yellow
11.0	731.6	Clay Blue
13.7	728.9	Coal
17.1	725.5	Shale Gray
22.6	720.0	Coal
27.7	714.9	Shale Gray
31.4	711.2	Coal
34.8	707.8	Shale Gray
36.6	706.0	Shale Green
41.5	701.1	Sandstone
44.8	697.8	Shale Green
54.6	688.0	Shale Gray
64.6	678.0	Sandstone
79.6	663.0	Shale Gray
90.2	652.4	Sandstone
96.6	646.0	Shale Gray
97.8	644.8	Coal
99.7	642.9	Sandstone
103.9	638.7	Shale Green
108.5	634.1	Sandstone
112.5	630.1	Shale Gray
115.2	627.4	Sandstone
116.7	625.9	Shale Gray
121.3	621.3	Sandstone
122.8	619.8	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 23-053-06 W5M**

Well Number **08173**

Well Owner: **Zaiser, Norbert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **366681**  
 Easting: **14,697.32**  
 Northing: **5,935,012.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **3.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth</b>	<b>Elevation</b>	<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 24-053-06 W5M**

Well Number **08174**

Well Owner: **Congo, Don**

Elevation (AMSL) (m): **760**

AEP: **365125**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **16,274.68**

Date Started: **12 May 92**

Northing: **5,935,141.00**

Date Completed: **12 May 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **10.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **46.0** Bottom (m): **46.0**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **46.0**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.6** Bottom (m): **85.3**  
 Perforated How: **Machine**  
 from (m): **48.8** to **85.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **68.6**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
0.9	758.7	Sand Brown
1.2	758.3	Sandstone Brown
11.6	748.0	Sand & Sandstone Brown
12.5	747.1	Sandstone Gray
14.9	744.6	Sand Brown
18.3	741.3	Shale Sandy Gray
19.5	740.1	Sandstone Gray
32.3	727.3	Sand Gray
34.4	725.1	Shale Dark Gray
44.5	715.1	Sand Gray
47.9	711.7	Shale Gray
51.5	708.1	Coal
53.0	706.5	Shale & Coal
53.6	705.9	Sand Fine Grained Gray
57.3	702.3	Shale & Coal
67.4	692.2	Shale Dark Gray
68.6	691.0	Sand Gray
71.9	687.6	Shale Green
73.5	686.1	Sandstone Fine Grained Gray
81.1	678.5	Shale & Coal
82.6	677.0	Sand & Sandstone Gray
83.5	676.1	Shale Gray
84.7	674.8	Shale Sandy Gray
85.3	674.2	Shale Light Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

09-25-053-06 W5M

Well Number 08175

Well Owner: **Alta Env #1318e**

Elevation (AMSL) (m): **759**

AEP: **401702**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **17,060.96**

Date Started:

Northing: **5,937,600.50**

Date Completed: **11 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	756.3	Sand & Gravel Clayey
6.1	753.3	Sandstone Very Fine Grained Gr
10.7	748.7	Shale & Siltstone Black
12.2	747.2	Siltstone Compacted Greenish G
18.3	741.1	Coal
19.8	739.6	Siltstone Compacted Dark Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 25-053-06 W5M**

Well Number **08176**

Well Owner: **Blood, Guy W.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **365266**  
 Easting: **16,885.93**  
 Northing: **5,937,803.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **23.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 25-053-06 W5M**

Well Number **08177**

Well Owner: **Spizmacher, Erwin**

Elevation (AMSL) (m): **736**

AEP: **369406**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **17,205.78**

Date Started: **18 May 93**

Northing: **5,938,087.50**

Date Completed: **19 May 93**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **10.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.0**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **18.3** Bottom (m): **24.4**  
 Perforated How: **Saw**  
 from (m): **19.8** to **23.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **18.3**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **17.7** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	732.1	Gravel
5.5	730.2	Clay & Coal Black
8.2	727.5	Shale Dark Brown
17.7	718.0	Sandstone Blue
19.5	716.2	Shale Light Gray
20.7	715.0	Coal
24.4	711.3	Sandstone Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-053-06 W5M**

Well Number **08178**

Well Owner: **Brooks, Jack**

Elevation (AMSL) (m): **729**

AEP: **360351**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **16,171.40**

Date Started: **19 Jul 91**

Northing: **5,937,576.00**

Date Completed: **25 Jul 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **42.7** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **27.4** Bottom (m): **42.7**  
 Perforated How: **Torch**  
 from (m): **36.6** to **42.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **7g05** Intake (m): **40.5**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **5.8**  
 Rec'd intake (m): **41.8** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	724.7	Clay & Sand
9.8	718.9	Clay
13.1	715.6	Coal
15.9	712.8	Clay & Coal
17.7	711.0	Clay & Gravel
19.5	709.2	Shale Gray
21.0	707.6	Shale Brown
25.3	703.4	Shale & Coal Brown
27.4	701.2	Shale Gray
29.9	698.8	Shale Light Gray
31.4	697.3	Sandstone
36.0	692.7	Shale Greenish Gray
39.6	689.1	Shale Green
41.2	687.5	Shale Gray
42.1	686.6	Shale & Coal Gray
42.7	686.0	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-053-06 W5M**

Well Number **08179**

Well Owner: **Emes, Doug/Gail**

Elevation (AMSL) (m): **729**

AEP: **379702**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **16,274.88**

Date Started: **18 May 94**

Northing: **5,937,796.00**

Date Completed: **18 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **29.3** (m)  
 NPWL (m): **7.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.9** Bottom (m): **18.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **18.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.8** Bottom (m): **29.3**  
 Perforated How: **Saw**  
 from (m): **21.0** to **28.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **29.0**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **21.3** Drawdown (m): **25.6**  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	724.9	Clay & Coal Sandy Yellow
7.3	721.6	Shale Brittle Gray
9.8	719.2	Sandstone
11.3	717.6	Coal
21.0	707.9	Shale Gray
23.8	705.1	Sandstone
27.7	701.2	Sandstone & Coal
29.3	699.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 25-053-06 W5M**

Well Number **08180**

Well Owner: **Garneau, Marcel**

Elevation (AMSL) (m): **729**

AEP: **379124**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **16,189.56**

Date Started: **20 Sep 93**

Northing: **5,937,663.00**

Date Completed: **20 Sep 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.3** (m)  
 NPWL (m): **3.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **24.4** Bottom (m): **24.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.1**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **24.1** Bottom (m): **38.4**  
 Perforated How: **Saw**  
 from (m): **32.9** to **37.8** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	724.7	Clay Brown
7.9	721.1	Clay Blue
13.1	715.9	Sand
14.9	714.1	Shale
16.5	712.5	Sandstone Brown
25.3	703.7	Shale Gray
26.2	702.8	Sandstone Blue
32.0	697.0	Shale Gray
33.8	695.2	Sandstone Hard Blue
36.0	693.0	Shale Gray
38.1	690.9	Sandstone & Coal Blue
39.3	689.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 25-053-06 W5M**

Well Number **08181**

Well Owner: **Honzuk, Bill**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367344**  
 Easting: **16,144.17**  
 Northing: **5,937,511.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **36.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-053-06 W5M**

Well Number **08182**

Well Owner: **Kempf, AI**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **728**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **361726**  
 Easting: **16,149.62**  
 Northing: **5,937,527.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 25-053-06 W5M**

Well Number **08183**

Well Owner: **Nelson, Glenn**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **729**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364826**  
 Easting: **16,171.40**  
 Northing: **5,937,576.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **13.7** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-053-06 W5M**

Well Number **08184**

Well Owner: **Dostie, Denis**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364825**  
 Easting: **16,844.22**  
 Northing: **5,936,961.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 25-053-06 W5M**

Well Number **08185**

Well Owner: **Jorgensen, Steen**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **750**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356934**  
 Easting: **16,776.70**  
 Northing: **5,937,224.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth **30.5** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>Lithologic Description</b>
<b>(BGL) (AMSL)</b>	
<b>(m) (m)</b>	
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 25-053-06 W5M**

Well Number **08186**

Well Owner: **Yurkewich, E**

Elevation (AMSL) (m): **766**

AEP: **352831**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **16,844.22**

Date Started: **01 Aug 90**

Northing: **5,936,961.00**

Date Completed: **08 Aug 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **32.0** (m)  
 NPWL (m): **20.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **25.3** Bottom (m): **25.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **24.7**

**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.1**  
 Top (m): **24.7** Bottom (m): **32.0**  
 Perforated How: **Other**  
 from (m): **26.5** to **31.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **24.7**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **24.1** Drawdown (m): **4.0**  
 Rec'd intake (m): **24.1** Rec'd Rate (lpm): **27.4**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	763.1	Sand Clayey
4.0	761.8	Clay Blue
4.6	761.2	Sand
7.3	758.5	Clay Blue
8.5	757.3	Sand
11.3	754.5	Gravel
19.2	746.6	Shale Gray
23.8	742.0	Sandstone Blue
25.6	740.2	Shale Gray
27.7	738.1	Coal
32.0	733.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 25-053-06 W5M**

Well Number **08187**

Well Owner: **Stahl, Peter/Don**

Elevation (AMSL) (m): **730**

AEP: **368577**

Drilling Contractor: *Rodco Drilling*

Licence No.:

Easting: **16,128.94**

Date Started: **10 Aug 92**

Northing: **5,936,685.50**

Date Completed: **11 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **3.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **23.8** Bottom (m): **23.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **21.3** Bottom (m): **38.4**  
 Perforated How: **Machine**  
 from (m): **32.3** to **38.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.5**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **15.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **18.2**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	728.1	Sand
6.7	723.8	Clay
7.9	722.6	Sand
10.7	719.8	Clay Blue
21.0	709.5	Sand Gray
22.9	707.6	Gravel
25.0	705.5	Shale
32.6	697.9	Shale Sandy
32.9	697.6	Sandstone
36.9	693.6	Shale Sandy
38.4	692.1	Shale & Coal Interbedded
39.6	690.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

09-30-053-06 W5M

Well Number 08195

Well Owner: **Alta Env #1324e**

Elevation (AMSL) (m): **745**

AEP: **401703**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **9,157.56**

Date Started:

Northing: **5,937,571.00**

Date Completed: **13 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **36.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
12.8	732.5	Clay Greenish Yellow
18.0	727.3	Sand Pebbly
19.8	725.5	Sand & Gravel
22.6	722.8	Clay Greenish Yellow
24.4	720.9	Gravel
25.0	720.3	Coal Hard
35.4	709.9	Sandstone Compacted Gray
36.0	709.3	Sandstone Hard

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



16-01-053-07 W5M

Well Number 08201

Well Owner: **Atcor Ltd #189**

Elevation (AMSL) (m): **758**

AEP: **363122**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,411.01**

Date Started:

Northing: **5,931,314.85**

Date Completed: **25 Mar 90**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Not Applicable**  
 Well Use: **Industrial**  
 Completed Depth **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Cement**                      **26 Mar 90**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):                                      Time (minute):  
 Level End (m):                              Drawdown (m):  
 Rec'd intake (m):                              Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**

Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**SE 02-053-07 W5M**

Well Number **08202**

Well Owner: **Osborne, Bud**

Elevation (AMSL) (m): **794**

AEP: **361209**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **5,849.70**

Date Started: **18 Sep 91**

Northing: **5,930,629.50**

Date Completed: **21 Sep 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.3** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.1**  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm): **0.0**  
 Top (m): **41.8** Bottom (m): **68.3**  
 Perforated How: **Saw**  
 from (m): **42.4** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **41.5**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): Drawdown (m): **11.0**  
 Rec'd intake (m): **41.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	789.4	Gravel
9.4	784.6	Gravel Coarse Grained
14.0	780.0	Shale
29.3	764.7	Sandstone
42.7	751.3	Shale
46.0	748.0	Sandstone
46.9	747.1	Shale
48.2	745.8	Sandstone
53.6	740.4	Shale
54.6	739.4	Sandstone
63.4	730.6	Shale
64.6	729.4	Sandstone
68.3	725.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-053-07 W5M**

Well Number **08203**

Well Owner: **Hamilton, William E**

Elevation (AMSL) (m): **772**

AEP: **365607**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **3,705.37**

Date Started: **27 Jul 92**

Northing: **5,930,220.50**

Date Completed: **27 Jul 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **45.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **16.5** Bottom (m): **57.0**  
 Perforated How: **Machine**  
 from (m): **50.3** to **57.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **12.2**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.0	768.4			Clay Brown
14.0	758.4			Silt Brown
16.5	755.9			Silt Gray
31.1	741.3			Clay & Silt Brown
31.4	741.0			Coal
39.0	733.4			Clay Sandy Gray
40.5	731.9			Gravel
43.9	728.5			Sand & Shale Gray
46.3	726.1			Shale Green
49.7	722.7			Shale Sandy Gray
51.8	720.6			Sand Gray
52.4	720.0			Sandstone Gray
57.9	714.5			Sand & Sandstone Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-09-053-07 W5M

Well Number 08205

Well Owner: **Alta Env #1335e**

Elevation (AMSL) (m): **784**

AEP: **401716**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,054.77**

Date Started:

Northing: **5,932,020.00**

Date Completed: **20 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **17.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
7.9	776.3			Clay Soft Dark Gray
17.1	767.1			Shale & Siltstone Greenish Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

13-09-053-07 W5M

Well Number 08206

Well Owner: **Alta Env #1336e**

Elevation (AMSL) (m): **779**

AEP: **401722**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **1,445.13**

Date Started:

Northing: **5,933,000.50**

Date Completed: **26 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Drilled**  
 Well Use: **Investigation**  
 Completed Depth **15.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	776.6	Clay Soft Dark Gray
4.9	774.2	Silt Soft Dark Gray
6.1	773.0	Gravel Coarse Grained
7.9	771.2	Sand & Gravel Coarse Grained
9.1	769.9	Gravel Lost Circulation
10.7	768.4	Siltstone Soft Tan
15.2	763.8	Siltstone Hard Tan

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-13-053-07 W5M

Well Number 08207

Well Owner: **Alta Env**  
 Drilling Contractor: *Water Resources*

Elevation (AMSL) (m): **747**  
 Licence No.:  
 Date Started:  
 Date Completed: **06 Nov 69**

AEP: **396648**  
 Easting: **6,242.85**  
 Northing: **5,933,440.50**

**General:**  
 Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **17.4** (m)  
 NPWL (m): **1.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **13.1** Bottom (m): **13.1**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **13.1** to **15.9** Size: **0.02**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **127.7** Time (minute): **12000.0**  
 Level End (m): **1.8** Drawdown (m): **2.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<u>Lithologic Description</u>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
9.1	737.8		Till
12.8	734.2		Sand
15.9	731.1		Gravel
16.5	730.5		Sand
17.4	729.6		Bedrock

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 13-053-07 W5M**

Well Number **08208**

Well Owner: **Alta Env Obs #1**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **747**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443209**  
 Easting: **6,393.53**  
 Northing: **5,933,536.40**

**General:**  
 Type of Work: **Other**  
 Drilling Method: **Unknown**  
 Well Use: **Investigation**  
 Completed Depth **17.7** (m)  
 NPWL (m): **1.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute): **10080.0**  
 Level End (m): Drawdown (m): **0.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 14-053-07 W5M**

Well Number **08209**

Well Owner: **Hoefels, Fred**

Elevation (AMSL) (m): **781**

AEP: **350791**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,620.25**

Date Started: **18 Mar 90**

Northing: **5,934,707.00**

Date Completed: **18 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **63.4** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.5** Bottom (m): **37.5**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **37.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **36.6** Bottom (m): **63.4**  
 Perforated How: **Machine**  
 from (m): **57.3** to **63.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.8**

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **51.8** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	776.0	Clay Brown
16.1	765.0	Clay Sandy Gray
19.5	761.7	Clay Gray
25.3	755.9	Shale Green
29.9	751.3	Shale Gray
32.3	748.9	Shale & Sandstone Fractured
36.3	744.9	Shale Gray
36.6	744.6	Sandstone Fine Grained Gray
40.8	740.4	Shale Green
43.0	738.2	Shale Gray
46.0	735.2	Shale Sandy
52.4	728.8	Shale Gray
57.0	724.2	Shale Sandy Gray
58.5	722.7	Sand Gray
60.0	721.2	Sandstone Gray
63.4	717.8	Sand Coarse Grained Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 15-053-07 W5M**

Well Number **08210**

Well Owner: **Bauer, Larry/Betty**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **786**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **364827**  
 Easting: **2,770.23**  
 Northing: **5,933,991.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **42.1** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

06-20-053-07 W5M

Well Number 08213

Well Owner: **Alta Transp #86-1**

Elevation (AMSL) (m): **766**

AEP: **376372**

Drilling Contractor: *Big Quill Drilling Ltd.*

Licence No.:

Easting: **25.90**

Date Started: **11 Dec 86**

Northing: **5,935,525.50**

Date Completed: **12 Dec 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **25.6** (m)  
 NPWL (m): **13.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.0** Bottom (m): **18.0**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven & Grouted**  
 from (m): to **17.4**

**Liner:**

Type:  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Top (m): **17.4** Bottom (m): **25.3**  
 Perforated How: **Torch**  
 from (m): **17.7** to **25.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **228.1** Time (minute): **120.0**  
 Level End (m): **18.3** Drawdown (m): **4.3**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.4	762.7	Clay
7.6	758.5	Sand & Gravel
7.9	758.2	Gravel
9.1	757.0	Sand & Gravel
12.5	753.6	Sandstone Brown
17.1	749.0	Sandstone Brown
25.3	740.8	Sandstone Coarse Grained Gray
25.6	740.5	Shale Gray

Laboratory: **26 Jan 88**

pH (pH unit)	<b>7.53</b>	COD	<b>11.00</b>	Mercury	
Cond. (µS/cm)	<b>750.0</b>	SAR	<b>0.30</b>	Nickel	<b>0.02</b>
TDS	<b>440.0</b>	TKN		Selenium	
Sodium	<b>11.50</b>	Nitrate		Strontium	<b>0.58</b>
Potassium	<b>3.52</b>	Nitrite		Molybdenum	
Calcium	<b>115.03</b>	TN		Vanadium	
Magnesium	<b>30.89</b>	TC	<b>0.25</b>	Zinc	<b>0.03</b>
Carbonate		DIC	<b>97.10</b>	Hydroxide	
Bicarbonate	<b>470.39</b>	Arsenic		Total Hardness	<b>414.00</b>
Aluminum		Barium	<b>0.81</b>	Manganese	<b>0.32</b>
Sulphate	<b>44.67</b>	Beryllium		Phosphate	
Chloride	<b>3.19</b>	Cadium		Ion Balance	<b>1.02</b>
Fluoride	<b>0.10</b>	Chromium		Amm. Nitrogen	<b>0.02</b>
Iron	<b>1.99</b>	Cobalt		Total Phosphate	
TOC	<b>3.40</b>	Copper	<b>0.01</b>	Total Alkalinity	<b>386.0</b>
Silica		Lead	<b>0.05</b>	Nitrate&Nitrite N	

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 21-053-07 W5M**

Well Number **08214**

Well Owner: **Darleyson, B.**

Elevation (AMSL) (m): **781**

AEP: **394130**

Drilling Contractor: *Scott, H.A. Drilling*

Licence No.:

Easting: **2,144.98**

Date Started: **01 Jun 81**

Northing: **5,936,245.50**

Date Completed: **01 Jun 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **21.0** (m)  
 NPWL (m): **13.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **19.2** Bottom (m): **19.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **19.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.7**

**Testing:**

Rate (lpm): **36.5** Time (minute): **600.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **15.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	770.0	Clay
19.2	761.8	Gravel
19.8	761.2	Sand
21.0	760.0	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 21-053-07 W5M**

Well Number **08215**

Well Owner: **Horst, Allen**

Elevation (AMSL) (m): **780**

AEP: **377518**

Drilling Contractor: *Midwest Drilling Ltd.*

Licence No.:

Easting: **1,628.18**

Date Started: **08 Nov 95**

Northing: **5,935,970.50**

Date Completed: **08 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **17.7** Bottom (m): **17.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **17.1** to **17.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **24.4**  
 Perforated How: **Hand Drill**  
 from (m): **18.3** to **24.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **19.8**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **10.7**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.0	775.7	Clay Brown
8.5	771.1	Sand Brown
14.9	764.7	Gravel
17.1	762.5	Sandstone
21.9	757.7	Sandstone Gray
24.4	755.2	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 21-053-07 W5M**

Well Number **08216**

Well Owner: **Papineau, Carol/Nevis**

Elevation (AMSL) (m): **779**

AEP: **399351**

Drilling Contractor: *Midwest Water Well Ltd.*

Licence No.:

Easting: **1,631.48**

Date Started: **08 Sep 94**

Northing: **5,935,957.50**

Date Completed: **08 Sep 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **17.7** to **18.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.2** Bottom (m): **21.3**  
 Perforated How: **Other**  
 from (m): **18.3** to **21.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **19.8** Drawdown (m): **13.7**  
 Rec'd intake (m): **18.3** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.5	774.0	Clay Brown
17.7	761.8	Gravel
21.3	758.1	Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

01-22-053-07 W5M

Well Number 08217

Well Owner: #1329e

Elevation (AMSL) (m): 788

AEP: 411494

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 4,189.76

Date Started: 17 Oct 74

Northing: 5,935,177.50

Date Completed: 17 Oct 74

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **29.0** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.7	785.0	Clay Soft Brownish Yellow
14.0	773.7	Silt Soft Dark Gray
17.1	770.6	Gravel Fine Grained See Commen
19.8	767.9	Clay & Sand Fine Grained See C
24.4	763.3	Siltstone Hard Gray
29.0	758.7	Siltstone Hard Light Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: 1.000H  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 22-053-07 W5M**

Well Number **08218**

Well Owner: **Wellman, Bruce**

Elevation (AMSL) (m): **788**

AEP: **368578**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **4,188.21**

Date Started: **18 Jan 93**

Northing: **5,935,164.50**

Date Completed: **24 Jan 93**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Stock**  
 Completed Depth: **76.2** (m)  
 NPWL (m): **44.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **47.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **45.7** Bottom (m): **76.2**  
 Perforated How: **Torch**  
 from (m): **68.6** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **5g05412** Intake (m): **76.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): **61.0** Drawdown (m): **16.5**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	782.9			Silt Brown
11.6	776.2			Silt Gravelly
15.9	772.0			Clay Brown
23.8	764.1			Sand & Gravel
27.1	760.7			Clay & Gravel
31.4	756.4			Silt Water Bearing
36.6	751.3			Shale Gray
44.5	743.3			Shale Green
46.0	741.8			Siltstone Gray
48.2	739.7			Shale Gray
58.5	729.3			Shale Green
61.3	726.6			Shale Brown
68.3	719.6			Shale Green
76.2	711.6			Sandstone Water Bearing

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 23-053-07 W5M**

Well Number **08219**

Well Owner: **Sawatzky, Henry**

Elevation (AMSL) (m): **784**

AEP: **360352**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,366.42**

Date Started: **15 Oct 91**

Northing: **5,935,180.00**

Date Completed: **16 Oct 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **29.3** Bottom (m): **29.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **9.1** Bottom (m): **57.9**  
 Perforated How: **Machine**  
 from (m): **39.6** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **91.2** Time (minute): **120.0**  
 Level End (m): **45.7** Drawdown (m): **16.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **45.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	778.3	Clay & Boulders Brown
10.4	773.4	Gravel
10.7	773.1	Shale Dark Gray
11.6	772.2	Coal
13.1	770.7	Shale Gray
16.5	767.3	Shale Light Gray
19.5	764.3	Shale Sandy Gray
26.8	757.0	Shale Green
29.9	753.9	Shale Green
31.7	752.1	Sand & Sandstone Gray
34.8	749.1	Shale Green
39.3	744.5	Sand Fine Grained Gray
40.8	743.0	Shale Sandy Gray
57.9	725.9	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



13-24-053-07 W5M

Well Number 08220

Well Owner: #1327e

Elevation (AMSL) (m): 771

AEP: 411504

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 6,093.21

Date Started: 15 Oct 74

Northing: 5,936,456.00

Date Completed: 15 Oct 74

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Observation**  
Completed Depth **24.4** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
5.8	765.2	Clay Soft Brownish Gray
7.6	763.3	Silt Soft See Comments
10.7	760.3	Gravel Lost Circulation
14.6	756.3	Gravel Preglacial
19.8	751.2	Siltstone Hard Light Gray
24.4	746.6	Shale & Siltstone Hard Light G

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **Yes** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-24-053-07 W5M

Well Number 08221

Well Owner: #1330e

Elevation (AMSL) (m): 770

AEP: 411499

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 6,161.86

Date Started: 17 Oct 74

Northing: 5,935,304.50

Date Completed: 17 Oct 74

**General:**

Type of Work: **Test Hole**  
Drilling Method: **Unknown**  
Well Use: **Observation**  
Completed Depth **21.9** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type:  
Depth (m): Bottom (m):  
OD (mm): Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.5	768.7	Silt See Comments Brownish Yel
6.1	764.1	Clay Soft Brownish Yellow
10.7	759.5	Shale & Siltstone Hard Light B
15.2	754.9	Shale & Siltstone Hard Gray
21.9	748.2	Shale & Siltstone Hard Light G

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-26-053-07 W5M

Well Number 08222

Well Owner: #1326e

Elevation (AMSL) (m): 757

AEP: 411515

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 5,706.17

Date Started: 15 Oct 74

Northing: 5,937,775.50

Date Completed: 15 Oct 74

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.3	752.4	Clay Soft Dark Gray
10.7	746.0	Silt Soft Dark Gray
22.9	733.8	Silt See Comments Dark Gray
23.2	733.5	Gravel Silty
25.6	731.1	Sand Medium Grained
29.0	727.7	Shale & Siltstone Hard Dark Gr
30.5	726.2	Coal Hard
33.5	723.2	Siltstone & Coal Hard Dark Gra
36.6	720.1	Coal Hard
38.1	718.6	Shale & Siltstone Hard

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: 1.000H  
 AEP Data: **Yes** Well Field Verified: **No**

04-26-053-07 W5M

Well Number 08223

Well Owner: #1328e

Elevation (AMSL) (m): 778

AEP: 411509

Drilling Contractor: Alberta Environment

Licence No.:

Easting: 4,554.79

Date Started: 16 Oct 74

Northing: 5,936,781.00

Date Completed: 16 Oct 74

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	775.9	Clay Soft Brownish Yellow
6.7	771.0	Silt Soft Dark Gray
21.3	756.4	Sand Soft Dark Gray
22.9	754.9	Coal See Comments
27.4	750.3	Silt Dark Gray
35.7	742.1	Sand & Silt Dark Gray
36.6	741.2	Gravel Fine Grained
38.1	739.6	Sandstone Fine Grained Light G
47.2	730.5	Siltstone Hard Light Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: 1.000H  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 26-053-07 W5M**

Well Number **08224**

Well Owner: **Pickard, Ron**

Elevation (AMSL) (m): **758**

AEP: **397131**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **4,747.74**

Date Started: **12 May 94**

Northing: **5,937,844.50**

Date Completed: **21 May 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **93.0** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **42.4** Bottom (m): **42.4**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **39.3** Bottom (m): **93.0**  
 Perforated How: **Torch**  
 from (m): **42.7** to **61.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds 5g05** Intake (m): **93.0**

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **93.0** Drawdown (m): **93.0**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **4.6**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	747.2	Clay
28.4	729.5	Sand & Till
36.6	721.3	Sand
44.8	713.1	Shale Gray
53.6	704.2	Shale & Coal Gray
75.3	682.6	Shale & Coal Gray
77.4	680.4	Coal
81.1	676.8	Shale & Coal Gray
82.9	675.0	Coal
90.2	667.6	Shale & Coal Gray
92.1	665.8	Coal
93.0	664.9	Shale & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 26-053-07 W5M**

Well Number **08225**

Well Owner: **Groat, Stewart**

Elevation (AMSL) (m): **778**

AEP: **366108**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,286.82**

Date Started: **14 Sep 92**

Northing: **5,936,710.00**

Date Completed: **15 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **25.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **26.2** Bottom (m): **26.2**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **26.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **24.4** Bottom (m): **39.6**  
 Perforated How: **Machine**  
 from (m): **28.0** to **37.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **32.6**

**Testing:**

Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **32.6** Drawdown (m): **7.3**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	773.6	Clay Brown
7.9	770.0	Clay Sandy Gray
11.3	766.6	Clay & Boulders
16.8	761.1	Clay & Sand Gray
18.0	759.9	Sand & Gravel
20.1	757.8	Clay & Boulders
21.9	756.0	Sand & Gravel
23.2	754.7	Shale Sandy Brown
28.4	749.6	Shale Sandy Gray
37.8	740.1	Sand & Sandstone Gray
38.4	739.5	Shale Soft Dark Gray
39.6	738.3	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 26-053-07 W5M**

Well Number **08226**

Well Owner: **Deib, Bob**

Elevation (AMSL) (m): **781**

AEP: **360353**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **4,716.90**

Date Started: **17 Sep 91**

Northing: **5,936,758.50**

Date Completed: **18 Sep 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **26.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **32.3** Bottom (m): **32.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **15.9** Bottom (m): **34.1**  
 Perforated How: **Unknown**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **1.2**  
 from (m): **34.1** to **35.7** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **34.1**

**Testing:**

Rate (lpm): **20.5** Time (minute): **720.0**  
 Level End (m): **32.0** Drawdown (m): **5.2**  
 Rec'd intake (m): **33.5** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	776.9			Clay Brown
12.8	768.3			Clay Sandy Gray
21.6	759.5			Sand Silty Brown
24.1	757.1			Clay Sandy Gray
30.8	750.4			Sand Brown
32.6	748.5			Clay Sandy Gray
36.3	744.9			Sand Coarse Grained Gray
39.6	741.5			Sand Silty Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 34-053-07 W5M**

Well Number **08235**

Well Owner: **Culbert, Sheryl**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **706**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **367106**  
 Easting: **2,788.40**  
 Northing: **5,939,337.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b> <b>(BGL) (AMSL)</b> <b>(m) (m)</b>	<b><u>Lithologic Description</u></b>
<b>(No Lithologic Information Available)</b>	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NE 35-053-07 W5M**

Well Number **08236**

Well Owner: **Pohl, Henry**

Elevation (AMSL) (m): **770**

AEP: **351066**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **5,686.33**

Date Started: **17 Nov 89**

Northing: **5,939,089.50**

Date Completed: **17 Nov 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **63.4** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **18.3** Bottom (m): **18.3**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **18.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **14.6** Bottom (m): **63.4**  
 Perforated How: **Machine**  
 from (m): **20.7** to **26.8** Size:  
 from (m): **39.0** to **51.2** Size:  
 from (m): **57.3** to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Goulds** Intake (m): **51.8**  
**Testing:**  
 Rate (lpm): **34.2** Time (minute): **120.0**  
 Level End (m): **42.7** Drawdown (m): **25.9**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.3	762.3	Clay
9.4	760.1	Sand Brown
12.2	757.4	Shale & Coal
17.1	752.5	Shale Soft Light Gray
18.3	751.3	Shale Green
19.2	750.4	Coal
22.6	747.0	Shale Sandy Green
23.8	745.8	Sand Gray
24.7	744.9	Sandstone Fractured Gray
29.9	739.7	Shale Gray
30.8	738.8	Shale Sandy Light Gray
33.2	736.4	Sand Fine Grained Gray
39.0	730.6	Shale & Coal Gray
41.8	727.8	Shale Gray
43.0	726.6	Sandstone Fine Grained Gray
44.5	725.1	Shale Green
44.8	724.8	Sandstone Fine Grained Gray
45.4	724.2	Shale Gray
52.7	716.8	Coal
54.9	714.7	Shale Gray
58.2	711.4	Shale Green
62.2	707.4	Coal
63.4	706.2	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

05-36-053-07 W5M

Well Number **08237**

Well Owner: **#1325e**

Elevation (AMSL) (m): **752**

AEP: **411518**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **6,079.76**

Date Started: **14 Oct 74**

Northing: **5,938,620.00**

Date Completed: **14 Oct 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Observation**  
 Completed Depth: **38.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.9	747.3	Clay & Silt Oxidized Brownish
23.2	729.0	Clay Silty Dark Gray
28.0	724.1	Shale & Siltstone Carbonaceous
31.4	720.7	Siltstone Bentonitic Blue Gray
33.2	718.9	Shale & Siltstone Carbonaceous
34.1	718.0	Coal See Comments Black
38.1	714.0	Shale & Siltstone Brownish Gr

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **Yes** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **Yes** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

01-01-054-01 W5M

Well Number 08319

Well Owner: **Alta Env #1293e**

Elevation (AMSL) (m): **769**

AEP: **401504**

Drilling Contractor: *Alberta Environment*

Licence No.:

Easting: **65,754.86**

Date Started: **23 Sep 74**

Northing: **5,940,462.50**

Date Completed: **23 Sep 74**

**General:**

Type of Work: **Test Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Monitoring**  
 Completed Depth: **47.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**

Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
11.6	757.2	Till Dark Brown
21.3	747.5	Till Dark Gray
24.4	744.4	Silt Lacustrine Dark Gray
28.4	740.5	Sand Light Gray
37.5	731.3	Till Dark Gray
39.6	729.2	Siltstone Gray
42.7	726.2	Siltstone Hard Light Gray
44.8	724.0	Sandstone Bentonitic Light Gra
47.2	721.6	Siltstone Hard Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

14-01-054-01 W5M

Well Number 08320

Well Owner: **Kruezer, Joe**

Elevation (AMSL) (m): **772**

AEP: **443982**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **64,919.40**

Date Started: **24 Sep 81**

Northing: **5,941,705.00**

Date Completed: **25 Sep 81**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **29.0** (m)  
NPWL (m): **15.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **27.1** Bottom (m): **27.1**  
OD (mm): **114.3** Thickness (mm): **0.1**  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **27.1** to **28.4** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Jet**

Model: Intake (m): **26.8**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
Level End (m): **26.8** Drawdown (m): **11.0**  
Rec'd intake (m): **25.9** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
15.2	756.3	Sand Brown
24.7	746.9	Clay
28.4	743.2	Sand Coarse Grained Gray
29.0	742.6	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-01-054-01 W5M

Well Number 08321

Well Owner: **Nichols, Ken**

Elevation (AMSL) (m): **791**

AEP: **444005**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **65,993.57**

Date Started: **26 Oct 79**

Northing: **5,940,974.00**

Date Completed: **26 Oct 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.3** (m)  
 NPWL (m): **22.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **52.7** Bottom (m): **52.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **52.7** to **54.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **26.2**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.3	784.1	Clay & Rocks
7.9	783.4	Sand
10.4	781.0	Clay Brown
11.0	780.4	Sand
13.7	777.6	Clay Blue
15.9	775.5	Sand
18.6	772.8	Clay & Sand
22.6	768.8	Clay Silty Brown
29.9	761.5	Clay Silty Gray
33.8	757.5	Sand & Coal
44.5	746.9	Sand Fine Grained
48.2	743.2	Clay Gray
50.6	740.8	Sand & Gravel
50.9	740.5	Clay & Gravel
54.3	737.1	Gravel

Laboratory: **14 Jan 80**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>950.0</b>	SAR	Nickel
TDS	<b>571.0</b>	TKN	Selenium
Sodium	<b>14.03</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>134.07</b>	TN	Vanadium
Magnesium	<b>38.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>521.03</b>	Arsenic	Total Hardness <b>490.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>123.92</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.14</b>	Chromium	Amm. Nitrogen
Iron	<b>0.13</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>427.0</b>
Silica	<b>16.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08322**

Well Owner: **Buckingham, John**

Elevation (AMSL) (m): **778**

AEP: **366555**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **65,384.48**

Date Started: **18 Aug 92**

Northing: **5,941,687.50**

Date Completed: **25 Aug 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **69.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **67.1** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **79.2** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 7g07422** Intake (m): **79.2**

**Testing:**  
 Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **45.7**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.4	760.3	Clay Silty Brown
36.0	741.7	Clay Silty Gray
46.3	731.4	Sand & Coal
53.6	724.1	Clay Yellow
55.8	721.9	Gravel
62.2	715.5	Clay Yellow
63.4	714.3	Sandstone Gray
66.1	711.6	Shale Green
67.4	710.3	Sandstone Gray
70.4	707.3	Shale Green
75.0	702.7	Siltstone Gray
77.7	700.0	Shale Green
79.8	697.9	Siltstone Gray
86.6	691.1	Shale Green
87.8	689.9	Sandstone Gray
89.9	687.8	Shale Brown
92.4	685.4	Coal
94.2	683.5	Shale Brown
95.7	682.0	Shale Gray
97.8	679.9	Sandstone Gray
99.4	678.3	Shale Brown
100.9	676.8	Sandstone Gray
103.6	674.1	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08323**

Well Owner: **Hanna, Bill**

Elevation (AMSL) (m): **787**

AEP: **444008**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,039.00**

Date Started: **15 Nov 85**

Northing: **5,941,130.50**

Date Completed: **21 Nov 85**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.3** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **61.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **61.3** Bottom (m): **78.3**  
 Perforated How: **Torch**  
 from (m): **61.3** to **78.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): **67.1** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.1	784.8	Clay Yellow
4.6	782.3	Sand
16.5	770.4	Clay Yellow
19.5	767.4	Sand & Coal Fine Grained Yello
30.5	756.4	Clay Soft Blue
38.1	748.8	Clay Hard Blue
42.1	744.8	Sand & Gravel
51.5	735.4	Clay Hard Yellow
53.3	733.6	Shale Greenish Gray
54.9	732.0	Shale Sandy Gray
58.2	728.7	Shale Greenish Gray
59.7	727.2	Shale Sandy Gray
62.5	724.4	Shale Green
65.8	721.1	Shale Sandy Gray
69.8	717.1	Shale Green
71.6	715.3	Shale Sandy Gray
72.2	714.7	Shale Brown
75.6	711.3	Shale Sandy Gray
78.3	708.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08324**

Well Owner: **Mosimann, Gary**

Elevation (AMSL) (m): **794**

AEP: **358337**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **65,836.10**

Date Started: **05 Apr 91**

Northing: **5,941,378.50**

Date Completed: **12 Apr 91**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.8** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.8** Bottom (m): **73.8**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **73.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **70.1** Bottom (m): **115.8**  
 Perforated How: **Other**  
 from (m): **73.2** to **99.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould 5g05** Intake (m): **70.7**

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **36.6**  
 Rec'd intake (m): **70.7** Rec'd Rate (lpm): **9.1**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
5.2	788.9	Clay Sandy Light Brown
5.8	788.3	Clay & Gravel Light Brown
12.2	781.9	Clay Silty Light Brown
13.7	780.3	Clay Gray
19.5	774.6	Gravel
21.9	772.1	Clay Sandy Brown
24.1	770.0	Shale Gray
37.8	756.3	Shale Light Gray
38.7	755.4	Shale Green
41.2	752.9	Sandstone Green
51.8	742.3	Shale Green
56.7	737.4	Sandstone Soft Light Gray
58.2	735.9	Shale Green
66.4	727.6	Sandstone Gray
73.8	720.3	Shale & Sandstone Gray
81.7	712.4	Sandstone Gray
86.0	708.1	Shale Gray
86.9	707.2	Coal
88.7	705.4	Shale Gray
89.3	704.8	Coal
94.8	699.3	Shale Gray
96.9	697.1	Sandstone Soft Light Gray
99.1	695.0	Coal
115.8	678.2	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NE 01-054-01 W5M**

Well Number **08325**

Well Owner: **Ohare, Mel**

Elevation (AMSL) (m): **789**

AEP: **444012**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **65,816.63**

Date Started: **08 Jun 87**

Northing: **5,941,668.00**

Date Completed: **11 Jun 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **53.0** Bottom (m): **53.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **53.0**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Other**  
 from (m): **61.0** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **16.0** Time (minute): **480.0**  
 Level End (m): **61.0** Drawdown (m): **9.1**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.4	785.6	Clay Yellow
5.2	783.8	Clay Blue
6.4	782.6	Gravel
14.3	774.7	Clay Blue
16.1	772.8	Sand
23.5	765.5	Clay Blue
25.3	763.7	Sand
33.2	755.8	Gravel
50.6	738.4	Clay Yellow
55.8	733.2	Shale Green
59.1	729.9	Shale Gray
64.9	724.1	Shale Green
71.0	718.0	Sandstone
71.6	717.4	Shale Gray
72.2	716.8	Shale & Coal Brown
73.2	715.8	Shale Gray
74.1	714.9	Sandstone
79.2	709.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08326**

Well Owner: **Ohare, Mel**

Elevation (AMSL) (m): **794**

AEP: **444010**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **65,619.87**

Date Started: **01 Jun 87**

Northing: **5,941,248.62**

Date Completed: **04 Jun 87**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **109.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.4	788.0	Clay Yellow
10.7	783.7	Clay Blue
16.8	777.7	Sand & Gravel
39.6	754.8	Clay Yellow
42.4	752.0	Clay Blue
45.1	749.3	Shale Gray
51.8	742.6	Shale Green
57.6	736.8	Sandstone
62.5	731.9	Shale Green
64.0	730.4	Sandstone
68.6	725.8	Shale Green
70.7	723.7	Sandstone
81.7	712.7	Shale Gray
85.0	709.4	Shale Green
85.6	708.8	Shale & Coal Brown
92.7	701.8	Shale Gray
97.2	697.2	Sandstone
103.6	690.8	Shale Gray
105.5	689.0	Sandstone
109.7	684.7	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08327**

Well Owner: **Sherman, W.C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **786**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444007**  
 Easting: **65,582.50**  
 Northing: **5,941,781.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **17 Jul 85**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>1018</b>	SAR	Nickel
TDS <b>628.0</b>	TKN	Selenium
Sodium <b>94.99</b>	Nitrate	Strontium
Potassium <b>2.74</b>	Nitrite	Molybdenum
Calcium <b>125.05</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>541.77</b>	Arsenic	Total Hardness <b>382.00</b>
Aluminum	Barium	Manganese
Sulphate <b>120.08</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.04</b>
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.71</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>445.0</b>
Silica <b>14.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 01-054-01 W5M**

Well Number **08328**

Well Owner: **Tradewind Ind**

Elevation (AMSL) (m): **794**

AEP: **444001**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **65,597.13**

Date Started:

Northing: **5,941,492.50**

Date Completed: **10 Nov 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **69.2** Bottom (m): **69.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	790.0			Sand
9.1	784.6			Clay Brown
29.0	764.7			Clay Blue
29.3	764.4			Coal
31.7	762.0			Clay
33.5	760.2			Sand & Coal
36.6	757.1			Clay
42.7	751.0			Gravel
57.6	736.1			Clay
64.9	728.8			Shale Green
65.8	727.9			Sandstone Hard
73.2	720.5			Shale & Sandstone Ledges Soft

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NE 01-054-01 W5M**

Well Number **08329**

Well Owner: **Tri L Woods**

Elevation (AMSL) (m): **794**

AEP: **444003**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **65,597.13**

Date Started: **29 Sep 76**

Northing: **5,941,492.50**

Date Completed: **04 Oct 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.0** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **56.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

1.5 792.2 Clay Sandy  
 3.7 790.0 Clay & Rocks  
 4.0 789.7 Sand  
 4.3 789.4 Clay  
 4.6 789.1 Sand  
 8.2 785.5 Clay & Rocks  
 10.1 783.6 Sand  
 12.8 780.9 Clay  
 19.8 773.9 Sand  
 20.4 773.3 Clay Blue  
 21.9 771.8 Sand  
 38.4 755.3 Clay  
 57.6 736.1 Shale  
 57.9 735.8 Coal  
 59.4 734.3 Shale  
 64.0 729.7 Sandstone Soft Gray  
 68.0 725.7 Shale

Laboratory: **30 Oct 76**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>1140</b>	SAR	Nickel
TDS <b>4786</b>	TKN	Selenium
Sodium <b>216.89</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>70.94</b>	TN	Vanadium
Magnesium <b>11.07</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>602.17</b>	Arsenic	Total Hardness <b>222.00</b>
Aluminum	Barium	Manganese
Sulphate <b>186.84</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>1.01</b>
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.70</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>494.0</b>
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 01-054-01 W5M**

Well Number **08330**

Well Owner: **Williams, Bill**

Elevation (AMSL) (m): **793**

AEP: **446842**

Drilling Contractor: *Caribou Drilling Ltd.*

Licence No.:

Easting: **65,549.05**

Date Started: **03 Dec 78**

Northing: **5,941,220.50**

Date Completed: **10 Dec 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **31.4** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **30.2** Bottom (m): **30.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **0.9**  
 from (m): **30.2** to **31.4** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **300.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **29.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	774.7	Clay & Silt Sandy Brown
27.7	765.3	Clay & Gravel
30.8	762.2	Sand Gravelly
32.0	761.0	Sand

Laboratory:		<b>06 Feb 84</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>631.0</b>	SAR	Nickel
TDS	<b>361.0</b>	TKN	<b>0.02</b>
Sodium	<b>14.03</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>86.97</b>	TN	Vanadium
Magnesium	<b>22.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>391.68</b>	Arsenic	Total Hardness <b>312.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>39.86</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.24</b>	Chromium	Amm. Nitrogen
Iron	<b>0.08</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>322.0</b>
Silica	<b>17.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08331**

Well Owner: **De Haas, R./P.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443997**  
 Easting: **64,695.92**  
 Northing: **5,941,334.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **26 Nov 85**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>1213</b>	SAR	Nickel
TDS <b>787.0</b>	TKN	Selenium
Sodium <b>224.94</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>70.94</b>	TN	Vanadium
Magnesium <b>11.07</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>586.92</b>	Arsenic	Total Hardness <b>223.00</b>
Aluminum	Barium	Manganese
Sulphate <b>187.80</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.05</b>
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.50</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>482.0</b>
Silica <b>11.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08332**

Well Owner: **Fishbrooke, Ernie**  
 Drilling Contractor: **Ferland Enterprises**

Elevation (AMSL) (m): **786**      AEP: **443985**  
 Licence No.:      Easting: **65,153.71**  
 Date Started: **12 Jul 76**      Northing: **5,941,476.50**  
 Date Completed: **15 Jul 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **54.9**      Bottom (m): **54.9**  
 OD (mm): **114.3**      Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m):      to **54.9**

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **8.0**      Time (minute): **120.0**  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
54.9	731.3	Sand & Gravel
57.9	728.2	Shale
58.8	727.3	Rocks
62.5	723.6	Shale
64.0	722.1	Rocks

<b>Laboratory: 29 Nov 76</b>		
pH (pH unit)	<b>7.60</b>	COD
Cond. (µS/cm)	<b>1000</b>	SAR
TDS	<b>673.0</b>	TKN
Sodium	<b>25.99</b>	Nitrate
Potassium	<b>1.96</b>	Nitrite
Calcium	<b>147.09</b>	TN
Magnesium	<b>50.10</b>	TC
Carbonate		DIC
Bicarbonate	<b>588.75</b>	Arsenic
Aluminum		Barium
Sulphate	<b>154.18</b>	Beryllium
Chloride	<b>2.84</b>	Cadium
Fluoride	<b>0.12</b>	Chromium
Iron	<b>0.80</b>	Cobalt
TOC		Copper
Silica		Lead
		Mercury
		Nickel
		Selenium
		Strontium
		Molybdenum
		Vanadium
		Zinc
		Hydroxide
		Total Hardness
		<b>574.00</b>
		Manganese
		Phosphate
		Ion Balance
		<b>0.98</b>
		Amm. Nitrogen
		Total Phosphate
		Total Alkalinity
		<b>483.0</b>
		Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**NH 01-054-01 W5M**

Well Number **08333**

Well Owner: **Jones, Andy**

Elevation (AMSL) (m): **786**

AEP: **443992**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **65,153.71**

Date Started: **18 Nov 84**

Northing: **5,941,476.50**

Date Completed: **23 Nov 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **70.7** Bottom (m): **70.7**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **70.7**  
**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): **67.1** Bottom (m): **91.4**  
 Perforated How: **Torch**  
 from (m): **85.3** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **91.4**  
**Testing:**  
 Rate (lpm): **68.4** Time (minute): **120.0**  
 Level End (m): **91.4** Drawdown (m): **36.6**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	780.6	Sand
42.7	743.5	Clay Sandy
54.3	731.9	Gravel
59.4	726.7	Shale Green
68.6	717.5	Sandstone Soft
85.3	700.8	Shale Gray
88.4	697.7	Shale & Coal Brown
91.4	694.7	Shale Gray

<b>Laboratory:</b>			<b>12 Dec 84</b>
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1198</b>	SAR	Nickel
TDS	<b>778.0</b>	TKN	Selenium
Sodium	<b>203.09</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>81.96</b>	TN	Vanadium
Magnesium	<b>9.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>558.85</b>	Arsenic	Total Hardness <b>242.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>204.13</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.02</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>1.67</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>458.0</b>
Silica	<b>11.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08334**

Well Owner: **Liddy, Susan**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **786**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443990**  
 Easting: **65,153.71**  
 Northing: **5,941,476.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **56.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **15 Mar 83**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>1204</b>	SAR	Nickel
TDS <b>747.0</b>	TKN	Selenium
Sodium <b>284.97</b>	Nitrate	Strontium
Potassium <b>1.17</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>499.67</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate <b>209.89</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.22</b>	Chromium	Amm. Nitrogen
Iron <b>0.26</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>411.0</b>
Silica <b>19.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NH 01-054-01 W5M**

Well Number **08335**

Well Owner: **Lucas, Darren**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443995**  
 Easting: **64,789.99**  
 Northing: **5,941,163.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **19.8** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>20 Nov 84</b>	
pH (pH unit)	<b>7.40</b>	COD	Mercury
Cond. (µS/cm)	<b>876.0</b>	SAR	Nickel
TDS	<b>523.0</b>	TKN	Selenium
Sodium	<b>11.04</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>130.06</b>	TN	Vanadium
Magnesium	<b>33.08</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>436.22</b>	Arsenic	Total Hardness <b>460.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>130.16</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.20</b>	Chromium	Amm. Nitrogen
Iron	<b>3.53</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>358.0</b>
Silica	<b>19.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08336**

Well Owner: **Page, Chris**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **793**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443999**  
 Easting: **65,191.34**  
 Northing: **5,941,144.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth: **53.6** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity:                      m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08337**

Well Owner: **Ritter, Vern**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **786**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443987**  
 Easting: **65,153.71**  
 Northing: **5,941,476.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>28 Oct 75</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>2200</b>	SAR	Nickel
TDS	<b>1664</b>	TKN	Selenium
Sodium	<b>54.05</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>376.95</b>	TN	Vanadium
Magnesium	<b>86.09</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>740.05</b>	Arsenic	Total Hardness <b>1664.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>779.05</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.16</b>	Chromium	Amm. Nitrogen
Iron	<b>0.90</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>607.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08338**

Well Owner: **Williams, W.R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **794**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443989**  
 Easting: **65,542.52**  
 Northing: **5,941,232.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **30 Nov 78**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>1007</b>	SAR	Nickel
TDS <b>634.0</b>	TKN	Selenium
Sodium <b>91.08</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>117.03</b>	TN	Vanadium
Magnesium <b>18.00</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>546.65</b>	Arsenic	Total Hardness <b>368.00</b>
Aluminum	Barium	Manganese
Sulphate <b>134.96</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron <b>0.94</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>449.0</b>
Silica <b>15.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 01-054-01 W5M**

Well Number **08339**

Well Owner: **Wilson, Douglas B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **769**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443998**  
 Easting: **64,888.24**  
 Northing: **5,941,746.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Jan 86**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>544.0</b>	SAR	Nickel
TDS <b>305.0</b>	TKN	Selenium
Sodium <b>8.05</b>	Nitrate	Strontium
Potassium <b>3.13</b>	Nitrite	Molybdenum
Calcium <b>85.97</b>	TN	Vanadium
Magnesium <b>18.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>348.98</b>	Arsenic	Total Hardness <b>293.00</b>
Aluminum	Barium	Manganese
Sulphate <b>15.85</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>0.28</b>	Chromium	Amm. Nitrogen
Iron <b>6.70</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>286.0</b>
Silica <b>17.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-01 W5M**

Well Number **08340**

Well Owner: **Bencharsky, John**

Elevation (AMSL) (m): **772**

AEP: **353014**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **64,826.56**

Date Started: **31 Oct 90**

Northing: **5,941,278.50**

Date Completed: **05 Nov 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **77.7** (m)  
 NPWL (m): **36.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **56.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.9** Bottom (m): **77.7**  
 Perforated How: **Other**  
 from (m): **64.0** to **76.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **68.4** Time (minute): **180.0**  
 Level End (m): **51.8** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
7.0	765.4			Clay Yellow
8.2	764.2			Sand & Gravel
23.8	748.6			Clay Blue
29.3	743.2			Sand & Gravel
38.7	733.7			Sandstone Yellow
59.7	712.7			Shale Green
64.3	708.1			Shale Gray
71.3	701.1			Sandstone
71.9	700.5			Shale Gray
76.2	696.2			Sandstone
77.7	694.7			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 01-054-01 W5M**

Well Number **08341**

Well Owner: **Cawthorn, Grant**

Elevation (AMSL) (m): **774**

AEP: **368886**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **64,874.79**

Date Started: **07 Dec 92**

Northing: **5,941,178.00**

Date Completed: **17 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.8** (m)  
 NPWL (m): **39.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **63.1** Bottom (m): **63.1**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **63.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **61.6** Bottom (m): **79.8**  
 Perforated How: **Saw**  
 from (m): **67.1** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **61.0**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **180.0**  
 Level End (m): **54.9** Drawdown (m): **14.9**  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **36.5**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.4	767.9	Clay Sandy Yellow
17.1	757.3	Sand
21.0	753.3	Clay Blue
28.7	745.7	Sand
32.6	741.7	Clay Blue
37.2	737.2	Sand & Gravel
42.1	732.3	Clay Sandy Yellow
44.8	729.5	Clay Blue
46.6	727.7	Shale Green
49.4	725.0	Sandstone
65.2	709.1	Shale Green
70.7	703.6	Sandstone
74.1	700.3	Shale Green
76.5	697.8	Sandstone
79.8	694.5	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-01 W5M**

Well Number **08342**

Well Owner: **Clements, John**

Elevation (AMSL) (m): **766**

AEP: **443984**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **64,749.83**

Date Started: **08 Sep 87**

Northing: **5,941,485.00**

Date Completed: **09 Sep 87**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **40.2** Bottom (m): **40.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentonite**  
 from (m): to **40.2**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **38.7** Bottom (m): **61.0**  
 Perforated How: **Other**  
 from (m): **44.2** to **56.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **30.5**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **30.5** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.4	763.7			Clay Sandy Yellow
6.4	759.7			Clay Sandy Blue
11.0	755.2			Sand
37.5	728.6			Clay Sandy Blue
45.1	721.0			Shale Greenish Gray
46.6	719.5			Sandstone
48.2	718.0			Shale Gray
48.8	717.4			Coal
50.3	715.8			Shale Gray
55.5	710.7			Sandstone
61.0	705.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-01 W5M**

Well Number **08343**

Well Owner: **Legal Const Ltd**

Elevation (AMSL) (m): **766**

AEP: **443983**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **64,749.83**

Date Started: **19 Sep 84**

Northing: **5,941,485.00**

Date Completed: **20 Sep 84**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **22.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **15.2** Bottom (m): **15.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.2**  
 from (m): **15.2** to **16.5** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **14.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.5	760.6	Clay
9.1	757.0	Clay Sandy
15.2	750.9	Sand & Coal Silty
18.3	747.8	Sand & Coal
22.9	743.3	Clay Silty

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-054-01 W5M**

Well Number **08344**

Well Owner: **Rypkema, G.**

Elevation (AMSL) (m): **766**

AEP: **443980**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **64,749.83**

Date Started: **16 Aug 76**

Northing: **5,941,485.00**

Date Completed: **16 Aug 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **32.6** Bottom (m): **32.6**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm): **1.1**  
 from (m): **32.6** to **34.1** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
19.8	746.3	Clay Sandy
26.8	739.3	Silt & Coal Sandy
27.7	738.4	Clay
36.6	729.6	Sand & Gravel

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-054-01 W5M**

Well Number **08345**

Well Owner: **Sharp, Dave**

Elevation (AMSL) (m): **766**

AEP: **443978**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **64,749.83**

Date Started: **15 Jun 76**

Northing: **5,941,485.00**

Date Completed: **16 Jun 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **48.8** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **Un**  
 OD (mm): **1.1**  
 from (m): **45.1** to **46.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **9.1** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.1	763.1	Clay Sandy
12.5	753.6	Sand
19.8	746.3	Clay
29.6	736.6	Till
48.8	717.4	Sand & Coal

<b>Laboratory:</b>			<b>26 Jul 77</b>
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>1160</b>	SAR	Nickel
TDS	<b>729.0</b>	TKN	Selenium
Sodium	<b>278.99</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium		TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>478.93</b>	Arsenic	Total Hardness
Aluminum		Barium	Manganese
Sulphate	<b>210.85</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.18</b>	Chromium	Amm. Nitrogen
Iron	<b>0.07</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>393.0</b>
Silica	<b>20.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 01-054-01 W5M**

Well Number **08346**

Well Owner: **Sherman, W.C.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443981**  
 Easting: **64,749.83**  
 Northing: **5,941,485.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **44.2** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>02 Jun 76</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>750.0</b>	SAR	Nickel
TDS	<b>451.0</b>	TKN	Selenium
Sodium	<b>14.95</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>101.00</b>	TN	Vanadium
Magnesium	<b>29.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>456.96</b>	Arsenic	Total Hardness <b>369.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>80.21</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.88</b>
Fluoride	<b>0.21</b>	Chromium	Amm. Nitrogen
Iron	<b>1.70</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>375.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-01 W5M**

Well Number **08347**

Well Owner: **Stepaniuk, Earl**

Elevation (AMSL) (m): **766**

AEP: **443977**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **64,749.83**

Date Started: **31 May 76**

Northing: **5,941,485.00**

Date Completed: **01 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **40.2** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **Un**  
 OD (mm): **1.1**  
 from (m): **38.7** to **40.2** Size: **0.10**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	755.8	Clay Sandy
34.8	731.4	Till
40.2	725.9	Sand & Gravel

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 01-054-01 W5M**

Well Number **08348**

Well Owner: **Throness, Dean**

Elevation (AMSL) (m): **766**

AEP: **443976**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **64,749.83**

Date Started: **02 Jul 75**

Northing: **5,941,485.00**

Date Completed: **03 Jul 75**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **40.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **38.7** Bottom (m): **38.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm):  
 from (m): **38.7** to **40.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **21.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.7	763.4	Sand
20.1	746.0	Clay Sandy
21.3	744.8	Sand & Coal
24.1	742.1	Sand
26.2	739.9	Clay Sandy
35.7	730.5	Sand
36.6	729.6	Clay
40.2	725.9	Sand

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**NW 01-054-01 W5M**

Well Number **08349**

Well Owner: **Tradewinds Ind**

Elevation (AMSL) (m): **766**

AEP: **443979**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **64,749.83**

Date Started:

Northing: **5,941,485.00**

Date Completed: **04 Jun 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **61.0** Bottom (m): **61.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **540.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **57.9** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	755.5			Clay Sandy
32.9	733.2			Till
35.0	731.1			Sand
36.0	730.2			Till
43.3	722.9			Gravel
55.2	711.0			Clay Sandy
71.6	694.5			Shale & Sandstone Soft Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 01-054-01 W5M**

Well Number **08350**

Well Owner: **Cormie, Don**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **751**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **443975**  
 Easting: **64,598.10**  
 Northing: **5,940,591.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 01-054-01 W5M**

Well Number **08351**

Well Owner: **Steel Bros Canada**

Elevation (AMSL) (m): **750**

AEP: **443974**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,820.74**

Date Started: **06 Jun 83**

Northing: **5,940,424.50**

Date Completed: **07 Jun 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Industrial**  
 Completed Depth **18.9** (m)  
 NPWL (m): **6.1** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **15.5** Bottom (m): **15.5**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **15.5** to **16.8** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **9.1**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **9.1** Drawdown (m): **3.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
8.5	741.5			Gravel
17.7	732.3			Sand
18.6	731.4			Clay & Rocks Yellow
18.9	731.1			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

03-03-054-01 W5M

Well Number 08352

Well Owner: **Imperial Oil**

Elevation (AMSL) (m): **748**

AEP: **444024**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **61,768.05**

Date Started:

Northing: **5,940,166.36**

Date Completed: **01 Jan 59**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **36.6** (m)

NPWL (m): Verified NPWL (m):

Abandonment:

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m) Lithologic Description**

29.0 719.0 Clay & Boulders

36.6 711.4 Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

01-03-054-01 W5M

Well Number 08353

Well Owner: **Mathiesen, P./ Ratz, R.**

Elevation (AMSL) (m): **749**

AEP: **444018**

Drilling Contractor: *Dutchys Ww Drlg*

Licence No.:

Easting: **62,393.08**

Date Started:

Northing: **5,940,547.50**

Date Completed: **15 Jul 67**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **45.7** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **1500.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	744.2	Clay Brown
12.2	736.6	Silt
27.4	721.4	Clay Soft Blue
30.5	718.3	Shale Brown
36.6	712.2	Shale Water Bearing Gray
39.6	709.2	Shale Brown
45.7	703.1	Shale Gray

Laboratory: **29 May 78**

pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1226</b>	SAR	Nickel
TDS	<b>791.0</b>	TKN	Selenium
Sodium	<b>290.03</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>32.06</b>	TN	Vanadium
Magnesium	<b>4.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>697.95</b>	Arsenic	Total Hardness <b>98.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>117.19</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.05</b>
Fluoride	<b>0.35</b>	Chromium	Amm. Nitrogen
Iron	<b>0.35</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>573.0</b>
Silica	<b>11.10</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 03-054-01 W5M**

Well Number **08354**

Well Owner: **Radcliffe, Frank**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **773**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444025**  
 Easting: **62,636.31**  
 Northing: **5,941,124.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 Aug 70**

pH (pH unit)	COD	Mercury
Cond. (µS/cm) <b>1310</b>	SAR	Nickel
TDS <b>908.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite <b>0.06</b>	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>58.00</b>
Aluminum	Barium	Manganese
Sulphate <b>231.98</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>495.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 03-054-01 W5M**

Well Number **08355**

Well Owner: **Mathiesen, Paul**

Elevation (AMSL) (m): **750**

AEP: **444014**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,313.52**

Date Started: **12 Jul 76**

Northing: **5,940,529.00**

Date Completed: **13 Jul 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **33.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Torch**  
 from (m): **33.5** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **38.1**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **38.1** Drawdown (m): **15.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	739.4	Clay Yellow
30.5	719.6	Clay Blue
33.5	716.5	Clay Yellow
35.4	714.7	Shale Green
37.2	712.9	Shale Sandy Gray
41.2	708.9	Shale Brittle Gray
44.8	705.3	Shale Gray
46.3	703.7	Shale Sandy Gray
46.9	703.1	Shale Brown
48.8	701.3	Shale Gray
50.3	699.8	Shale Sandy Gray
54.9	695.2	Shale Gray
55.5	694.6	Coal
57.9	692.2	Shale Brown
60.7	689.4	Shale Gray
64.3	685.8	Shale Sandy Gray
67.1	683.0	Shale Green
69.8	680.3	Shale Gray
71.6	678.4	Shale Brown
73.2	676.9	Coal
75.3	674.8	Shale Brown
78.9	671.1	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 03-054-01 W5M**

Well Number **08356**

Well Owner: **Mathiesen, Perry**

Elevation (AMSL) (m): **752**

AEP: **444021**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **62,313.52**

Date Started: **07 Jul 86**

Northing: **5,940,551.50**

Date Completed: **10 Jul 86**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.8** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **33.5** Bottom (m): **33.5**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **33.5**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **33.5** Bottom (m): **80.8**  
 Perforated How: **Machine**  
 from (m): **62.5** to **80.8** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **45.7**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **300.0**  
 Level End (m): **45.7** Drawdown (m): **19.8**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
13.1	739.2	Clay Sandy
29.0	723.4	Silt Sandy
32.0	720.3	Silt & Coal Sandy
32.9	719.4	Till
39.6	712.7	Shale Green
48.8	703.5	Shale Greenish Gray
49.1	703.2	Coal
53.3	699.0	Sandstone
53.6	698.7	Coal
64.0	688.3	Shale Green
71.6	680.7	Sandstone
76.2	676.1	Shale Green
78.0	674.3	Coal
80.8	671.5	Sandstone Soft

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27



**SW 03-054-01 W5M**

Well Number **08357**

Well Owner: **Howell, Robert**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **753**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444023**  
 Easting: **61,549.52**  
 Northing: **5,940,235.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **05 Sep 80**

pH (pH unit) <b>8.50</b>	COD	Mercury
Cond. (µS/cm) <b>1068</b>	SAR	Nickel
TDS <b>644.0</b>	TKN	Selenium
Sodium <b>269.10</b>	Nitrate	Strontium
Potassium <b>0.39</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>8.10</b>	DIC	Hydroxide
Bicarbonate <b>697.95</b>	Arsenic	Total Hardness <b>6.00</b>
Aluminum	Barium	Manganese
Sulphate <b>12.97</b>	Beryllium	Phosphate
Chloride <b>8.15</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride <b>2.35</b>	Chromium	Amm. Nitrogen
Iron <b>0.07</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>586.0</b>
Silica <b>8.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-04-054-01 W5M

Well Number 08358

Well Owner: **McLean, Bill**

Elevation (AMSL) (m): **759**

AEP: **444032**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **59,652.76**

Date Started:

Northing: **5,941,607.50**

Date Completed: **15 Aug 76**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **22.9** (m)  
NPWL (m): **4.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **7.6** Bottom (m): **7.6**  
OD (mm): **115.8** Thickness (mm): **0.0**  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material: **St**  
OD (mm): **1.2**  
from (m): **7.6** to **8.8** Size: **0.01**  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump: 75**

Model: Intake (m): **4.6**

**Testing:**

Rate (lpm): **45.6** Time (minute): **60.0**  
Level End (m): **4.6** Drawdown (m): **0.3**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
1.8	757.2	Sand
3.7	755.3	Clay
8.8	750.1	Sand Gray
18.3	740.7	Clay
20.7	738.3	Sandstone
22.9	736.1	Clay

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 04-054-01 W5M**

Well Number **08359**

Well Owner: **Van Soest, B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **779**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444035**  
 Easting: **60,985.97**  
 Northing: **5,941,391.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **17 May 67**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>770.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>60.00</b>
Aluminum	Barium	Manganese
Sulphate <b>99.90</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.60</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>521.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 04-054-01 W5M**

Well Number **08360**

Well Owner: **Kloeck, Alfred**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **763**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444028**  
 Easting: **59,669.00**  
 Northing: **5,941,257.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **15.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **13 Aug 75**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1190</b>	SAR	Nickel
TDS <b>700.0</b>	TKN	Selenium
Sodium <b>284.05</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>6.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>560.68</b>	Arsenic	Total Hardness <b>19.00</b>
Aluminum	Barium	Manganese
Sulphate <b>129.20</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance <b>1.06</b>
Fluoride <b>0.23</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>460.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 04-054-01 W5M**

Well Number **08361**

Well Owner: **Ran Dac Limousin**

Elevation (AMSL) (m): **763**

AEP: **444030**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **59,669.00**

Date Started: **16 Dec 88**

Northing: **5,941,257.00**

Date Completed: **23 Dec 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Unknown**  
 Completed Depth **73.2** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **54.6**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **54.6** Bottom (m): **72.2**  
 Perforated How: **Machine**  
 from (m): **54.6** to **72.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **53.3**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **53.3** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
17.7	745.4	Clay Yellow
25.0	738.1	Shale Brittle Green
25.9	737.2	Shale Gray
26.8	736.3	Shale Brittle Gray
30.2	733.0	Shale Sandy Gray
36.6	726.6	Shale Green
38.7	724.4	Shale Sandy Gray
46.9	716.2	Shale Green
51.5	711.6	Shale Sandy Gray
55.5	707.7	Shale Green
57.3	705.8	Shale Sandy Gray
57.6	705.5	Shale Green
64.0	699.1	Shale Sandy Gray
67.1	696.1	Shale Greenish Gray
73.2	690.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 04-054-01 W5M**

Well Number **08362**

Well Owner: **Jeans, Ron**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444027**  
 Easting: **60,848.30**  
 Northing: **5,940,320.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **61.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **02 Apr 76**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1300</b>	SAR	Nickel
TDS <b>871.0</b>	TKN <b>0.05</b>	Selenium
Sodium <b>276.92</b>	Nitrate <b>0.01</b>	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>59.92</b>	TN	Vanadium
Magnesium <b>9.00</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>682.09</b>	Arsenic	Total Hardness <b>185.00</b>
Aluminum	Barium	Manganese
Sulphate <b>178.19</b>	Beryllium	Phosphate
Chloride <b>7.09</b>	Cadium	Ion Balance <b>1.04</b>
Fluoride <b>0.20</b>	Chromium	Amm. Nitrogen
Iron <b>0.20</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>559.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 04-054-01 W5M**

Well Number **08363**

Well Owner: **Jeans, Ronald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **766**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **449064**  
 Easting: **60,848.30**  
 Northing: **5,940,320.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **08 May 73**

pH (pH unit) <b>7.70</b>	COD	Mercury
Cond. (µS/cm) <b>1275</b>	SAR	Nickel
TDS <b>920.0</b>	TKN	Selenium
Sodium <b>218.96</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>5.01</b>	TN	Vanadium
Magnesium <b>7.05</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>639.99</b>	Arsenic	Total Hardness <b>46.00</b>
Aluminum	Barium	Manganese
Sulphate <b>39.86</b>	Beryllium	Phosphate
Chloride <b>1.06</b>	Cadium	Ion Balance <b>0.92</b>
Fluoride <b>0.64</b>	Chromium	Amm. Nitrogen
Iron <b>2.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>525.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-05-054-01 W5M

Well Number 08364

Well Owner: **Nielsen, Jim**

Elevation (AMSL) (m): **762**

AEP: **444091**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **58,130.89**

Date Started: **05 Nov 81**

Northing: **5,940,329.00**

Date Completed: **12 Nov 81**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **70.1** (m)  
NPWL (m): **45.7** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **57.3** Bottom (m): **57.3**  
OD (mm): **114.3** Thickness (mm): **0.0**  
Seal Type: **Driven**  
from (m): to

**Liner:**

Type:  
OD (mm): **76.2** Thickness (mm):  
Top (m): Bottom (m): **70.1**  
Perforated How: **Machine**  
from (m): **61.0** to **70.1** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **53.3**

**Testing:**

Rate (lpm): **27.4** Time (minute): **120.0**  
Level End (m): **53.3** Drawdown (m): **7.6**  
Rec'd intake (m): **56.4** Rec'd Rate (lpm): **27.4**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
10.7	751.2	Clay Brown
14.6	747.2	Clay Blue
19.8	742.0	Clay Sandy
47.2	714.6	Sand Silty
51.8	710.0	Sandstone Brown
56.1	705.7	Sandstone & Gravel
61.6	700.3	Shale Gray
63.4	698.4	Sandstone Blue
67.1	694.8	Shale Brittle
69.5	692.3	Sandstone Blue
70.1	691.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



02-05-054-01 W5M

Well Number 08365

Well Owner: **Prince, Norm**

Elevation (AMSL) (m): **758**

AEP: **444036**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **58,924.72**

Date Started:

Northing: **5,940,337.00**

Date Completed: **29 Apr 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to **47.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **9.1**  
 Rec'd intake (m): **44.2** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	753.0	Clay Sandy
48.8	708.8	Lost Circulation
54.9	702.7	Shale & Sandstone Fractured

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

07-05-054-01 W5M

Well Number 08366

Well Owner: Yu, Terry/Gabriel

Elevation (AMSL) (m): 771

AEP: 379704

Drilling Contractor: D&D Water Well Drilling & Services

Licence No.:

Easting: 58,724.23

Date Started: 06 Apr 94

Northing: 5,940,637.50

Date Completed: 07 Apr 94

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **58.8** (m)  
NPWL (m): **39.3** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Plastic**  
Depth (m): **36.6** Bottom (m): **36.6**  
OD (mm): **152.4** Thickness (mm): **0.1**  
Seal Type: **Shale Trap & Bentoni**  
from (m): to **36.6**

**Liner:**

Type:  
OD (mm): **114.3** Thickness (mm): **0.1**  
Top (m): **34.8** Bottom (m): **58.8**  
Perforated How: **Saw**  
from (m): **39.6** to **54.9** Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **58.8**

**Testing:**

Rate (lpm): Time (minute): **120.0**  
Level End (m): **39.3** Drawdown (m):  
Rec'd intake (m): **45.7** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.0	763.5	Clay Sandy Yellow
8.5	762.0	Sand & Gravel
15.9	754.7	Clay Blue
22.6	748.0	Clay Yellow
33.8	736.7	Shale Brittle Gray
40.8	729.7	Shale Gray
54.3	716.3	Sandstone Lost Circulation
58.8	711.7	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 05-054-01 W5M**

Well Number **08367**

Well Owner: **Brown, R.S.**

Elevation (AMSL) (m): **771**

AEP: **444118**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **59,051.13**

Date Started:

Northing: **5,941,394.50**

Date Completed: **15 Jul 70**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **27.4** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **12.2** Bottom (m): **12.2**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **410.5** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
3.1	768.4		Clay
9.1	762.3		Shale Brown
27.4	744.0		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-01 W5M**

Well Number **08368**

Well Owner: **Guenther, Jerry**

Elevation (AMSL) (m): **775**

AEP: **360265**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **58,517.34**

Date Started: **16 May 91**

Northing: **5,941,097.50**

Date Completed: **18 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth: **16.1** (m)  
 NPWL (m): **7.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **16.1** Bottom (m): **16.1**  
 OD (mm): **609.6** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **6.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **7.3**  
 from (m): **14.0** to **14.6** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **13.7**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **13.7** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.3	767.6	Clay Brown
13.7	761.2	Sand Fine Grained Light Brown
14.6	760.3	Sand & Gravel
15.9	759.1	Sand
16.1	758.8	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-01 W5M**

Well Number **08369**

Well Owner: **Jorgenson, L.**

Elevation (AMSL) (m): **775**

AEP: **435741**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **58,517.34**

Date Started: **23 Nov 95**

Northing: **5,941,097.50**

Date Completed: **30 Nov 95**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **57.0** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **73.2** Bottom (m): **73.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): **70.1** to **73.2**  
**Liner:**  
 Type:  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Top (m): **71.6** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **85.3** to **91.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Gould 7g07 122** Intake (m): **67.1**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **59.1** Drawdown (m): **2.1**  
 Rec'd intake (m): **67.1** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.1	765.8	Clay Brown
16.1	758.8	Till Gray
56.4	718.6	Clay & Sand Yellow
62.5	712.5	Sand Silty
69.5	705.5	Clay Sandy Gray
71.6	703.3	Shale Green
72.2	702.7	Sandstone
86.3	688.7	Shale Gray
92.4	682.6	Sandstone Water Bearing
97.5	677.4	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SE 05-054-01 W5M**

Well Number **08370**

Well Owner: **Callbeck, Ted**

Elevation (AMSL) (m): **767**

AEP: **364906**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,971.93**

Date Started: **01 Jun 92**

Northing: **5,940,464.50**

Date Completed: **04 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.7** (m)  
 NPWL (m): **24.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Welded**  
 from (m): to **43.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **43.0** Bottom (m): **67.7**  
 Perforated How: **Other**  
 from (m): **45.7** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **27.4** Time (minute): **180.0**  
 Level End (m): **36.6** Drawdown (m): **11.9**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.7	763.2			Clay Yellow
7.3	759.6			Clay Blue
14.6	752.3			Clay Yellow
28.7	738.2			Shale Green
42.1	724.8			Sandstone
47.9	719.0			Shale Green
49.7	717.2			Sandstone
54.3	712.6			Shale Gray
57.6	709.3			Shale Green
64.6	702.3			Sandstone
67.7	699.2			Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 05-054-01 W5M**

Well Number **08371**

Well Owner: **Kozyra, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **767**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444038**  
 Easting: **58,971.93**  
 Northing: **5,940,464.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **39.6** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **31 Jan 64**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>722.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>350.00</b>
Aluminum	Barium	Manganese
Sulphate <b>129.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>1.60</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>430.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08372**

Well Owner: **Chomyshen, J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444089**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **07 Nov 80**

pH (pH unit)	<b>8.30</b>	COD	Mercury
Cond. (µS/cm)	<b>1061</b>	SAR	Nickel
TDS	<b>640.0</b>	TKN	Selenium
Sodium	<b>138.00</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>77.96</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>555.19</b>	Arsenic	Total Hardness <b>261.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>132.08</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>0.87</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>455.0</b>
Silica	<b>13.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*



**SW 05-054-01 W5M**

Well Number **08373**

Well Owner: **Chomyshew**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444043**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>12 Oct 76</b>	
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1040</b>	SAR	Nickel
TDS	<b>652.0</b>	TKN	Selenium
Sodium	<b>146.05</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>60.92</b>	TN	Vanadium
Magnesium	<b>18.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>604.00</b>	Arsenic	Total Hardness <b>231.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>125.84</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.88</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron	<b>0.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>495.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08374**

Well Owner: **Coutts, Peter**

Elevation (AMSL) (m): **772**

AEP: **444049**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **24 Aug 76**

Northing: **5,940,563.00**

Date Completed: **30 Aug 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **59.7** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **55.2** Bottom (m): **55.2**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to **55.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
12.2	759.4	Clay	Yellow	
13.7	757.9	Clay	Blue	
45.7	725.9	Clay & Sand		
54.9	716.7	Lost Circulation		
57.0	714.6	Shale	Green	
59.7	711.9	Lost Circulation		

Laboratory:

**25 Oct 76**

pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>990.0</b>	SAR	Nickel
TDS	<b>715.0</b>	TKN	Selenium
Sodium	<b>157.09</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>116.03</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>566.17</b>	Arsenic	Total Hardness <b>353.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>145.05</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.13</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>0.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>464.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08375**

Well Owner: **Couves, C.J.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **771**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448168**  
 Easting: **58,338.19**  
 Northing: **5,940,575.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **50.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **03 Jan 78**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1042</b>	SAR	Nickel
TDS <b>605.0</b>	TKN	Selenium
Sodium <b>109.94</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>77.96</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>541.77</b>	Arsenic	Total Hardness <b>263.00</b>
Aluminum	Barium	Manganese
Sulphate <b>129.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.87</b>
Fluoride <b>0.07</b>	Chromium	Amm. Nitrogen
Iron <b>0.14</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>444.0</b>
Silica <b>15.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08376**

Well Owner: **Donald, Edie**

Elevation (AMSL) (m): **772**

AEP: **351994**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **01 Aug 90**

Northing: **5,940,563.00**

Date Completed: **03 Aug 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **74.4** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **60.0** Bottom (m): **60.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.0**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **60.0** Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **60.0** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.5	766.1	Clay	Yellow	
16.5	755.1	Clay	Blue	
18.3	753.3	Shale	Gray	
34.4	737.2	Clay	Yellow	
35.4	736.2	Shale	Green	
59.7	711.9	Clay	Yellow	
64.6	707.0	Shale	Green	
65.2	706.4	Shale	Gray	
65.8	705.8	Shale	Sandy Gray	
68.3	703.3	Shale	Gray	
74.1	697.5	Shale	Sandy Gray	
74.4	697.2	Shale	Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 05-054-01 W5M**

Well Number **08377**

Well Owner: **Henderson, Robert**

Elevation (AMSL) (m): **772**

AEP: **444057**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **10 Oct 79**

Northing: **5,940,563.00**

Date Completed: **11 Oct 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **56.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **50.3**

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **50.3** Drawdown (m): **1.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	754.8	Clay Yellow
19.2	752.4	Clay Blue
20.1	751.5	Gravel
20.4	751.2	Clay Yellow
56.7	714.9	Lost Circulation
59.4	712.2	Shale Green
65.2	706.4	Shale Sandy Gray

<b>Laboratory:</b>			<b>15 Apr 80</b>
pH (pH unit)	<b>7.70</b>	COD	Mercury
Cond. (µS/cm)	<b>1013</b>	SAR	Nickel
TDS	<b>623.0</b>	TKN	Selenium
Sodium	<b>149.96</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>63.93</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>511.87</b>	Arsenic	Total Hardness <b>223.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>137.85</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.97</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>0.14</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>420.0</b>
Silica	<b>14.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08378**

Well Owner: **Holyoak, Edward T.**

Elevation (AMSL) (m): **772**

AEP: **444093**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,335.11**

Date Started:

Northing: **5,940,563.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic & Industria**  
 Completed Depth: **57.9** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      Lithologic Description

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08379**

Well Owner: **Jacobi. R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444044**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **20 May 77**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1140</b>	SAR	Nickel
TDS <b>679.0</b>	TKN	Selenium
Sodium <b>137.08</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>92.99</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>541.16</b>	Arsenic	Total Hardness <b>304.00</b>
Aluminum	Barium	Manganese
Sulphate <b>161.86</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.07</b>	Chromium	Amm. Nitrogen
Iron <b>0.50</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>444.0</b>
Silica <b>13.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08380**

Well Owner: **Jenzen, Jack**

Elevation (AMSL) (m): **772**

AEP: **364118**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **23 Mar 92**

Northing: **5,940,563.00**

Date Completed: **24 Mar 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **56.1** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **47.9** Bottom (m): **47.9**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **47.9**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **43.9** Bottom (m): **55.2**  
 Perforated How: **Machine**  
 from (m): **43.9** to **55.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **42.7** Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	760.9	Clay Yellow
21.3	750.3	Clay Blue
25.3	746.3	Clay & Sand
28.7	742.9	Clay Blue
48.2	723.4	Clay Greenish Yellow
49.1	722.5	Shale Green
56.1	715.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 05-054-01 W5M**

Well Number **08381**

Well Owner: **King, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444041**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **60.0** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>07 Oct 76</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1050</b>	SAR	Nickel
TDS	<b>668.0</b>	TKN	Selenium
Sodium	<b>155.94</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>78.96</b>	TN	Vanadium
Magnesium	<b>13.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>568.00</b>	Arsenic	Total Hardness <b>258.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>135.92</b>	Beryllium	Phosphate
Chloride	<b>1.06</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.10</b>	Chromium	Amm. Nitrogen
Iron	<b>1.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>466.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08382**

Well Owner: **Kloeck, Alvin**

Elevation (AMSL) (m): **772**

AEP: **444052**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started:

Northing: **5,940,563.00**

Date Completed: **20 Aug 71**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **56.7** (m)  
 NPWL (m): **44.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven & Formation P**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **45.6** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	763.4	Clay Yellow
29.0	742.6	Clay Blue
39.6	732.0	Clay & Coal Yellow
41.8	729.8	Sand & Rocks
48.2	723.4	Clay Yellow
50.3	721.3	Shale Green
56.1	715.5	Shale Gray
56.7	714.9	Lost Circulation

Laboratory:			<b>24 Jul 72</b>
pH (pH unit)	<b>7.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1000</b>	SAR	Nickel
TDS	<b>898.0</b>	TKN	Selenium
Sodium		Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>46.09</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>188.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>162.82</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>489.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08383**

Well Owner: **Kupke, Fred**

Elevation (AMSL) (m): **772**

AEP: **404127**

Drilling Contractor: *Double R Drlg*

Licence No.:

Easting: **58,335.11**

Date Started: **11 Apr 94**

Northing: **5,940,563.00**

Date Completed: **16 Apr 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **62.5** (m)  
 NPWL (m): **51.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): Bottom (m):  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Driven & Shale Trap**  
 from (m): to **52.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): Bottom (m): **62.5**  
 Perforated How: **Machine**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **59.4**

**Testing:**

Rate (lpm): **36.5** Time (minute): **360.0**  
 Level End (m): **59.4** Drawdown (m): **7.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	760.9			Clay Hard
19.8	751.8			Clay Sandy
27.4	744.2			Clay Silty
33.5	738.1			Till
35.0	736.5			Till & Rocks
44.2	727.4			Sand Fine Grained
48.2	723.4			Sand Coarse Grained
48.8	722.8			Till
50.3	721.3			Till & Gravel
51.2	720.4			Shale Sandy Gray
53.3	718.3			Shale Green
54.9	716.7			Shale Greenish Gray
57.9	713.7			Sandstone
60.4	711.2			Shale & Sandstone Gray
62.5	709.1			Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 05-054-01 W5M**

Well Number **08384**

Well Owner: **Leckner, Ed**

Elevation (AMSL) (m): **772**

AEP: **444116**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,335.11**

Date Started: **09 Aug 88**

Northing: **5,940,563.00**

Date Completed: **10 Aug 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **67.1** (m)  
 NPWL (m): **37.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **54.9** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **57.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **48.8**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.8	765.8			Clay Brown
22.9	748.7			Silt Gray
25.0	746.6			Shale Green
53.0	718.6			Clay Silty Brown
54.0	717.6			Clay Silty Gray
57.3	714.3			Shale Green
58.2	713.4			Shale Gray
67.1	704.5			Sandstone Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08385**

Well Owner: **Moorehead, R.A.**

Elevation (AMSL) (m): **772**

AEP: **444092**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **58,335.11**

Date Started:

Northing: **5,940,563.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08386**

Well Owner: **Olson, Carl**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444112**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **71.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>16 Jan 86</b>	
pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>1061</b>	SAR	Nickel
TDS	<b>662.0</b>	TKN	Selenium
Sodium	<b>155.94</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>77.96</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>575.93</b>	Arsenic	Total Hardness <b>257.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>125.84</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.77</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>473.0</b>
Silica	<b>13.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08387**

Well Owner: **Oraas, George**

Elevation (AMSL) (m): **772**

AEP: **366421**

Drilling Contractor: *Countryside Drilling*

Licence No.:

Easting: **58,335.11**

Date Started: **13 Aug 92**

Northing: **5,940,563.00**

Date Completed: **19 Aug 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **46.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **61.3** Bottom (m): **61.3**  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **57.9**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **46.9** Drawdown (m): **0.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
6.1	765.5	Clay & Silt Soft Brown
12.2	759.4	Clay & Silt Sticky Brown
21.3	750.3	Clay & Silt Sticky
27.4	744.2	Clay & Shale Brownish Yellow
54.9	716.7	Lost Circulation
64.0	707.6	Unknown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-01 W5M**

Well Number **08388**

Well Owner: **Palmer, Pete**

Elevation (AMSL) (m): **772**

AEP: **444088**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **10 Jul 80**

Northing: **5,940,563.00**

Date Completed: **14 Jul 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **54.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **54.9** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
54.3	717.3			Clay Sandy Yellow
65.2	706.4			Shale Greenish Gray

Laboratory:		<b>05 Sep 80</b>	
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1044</b>	SAR	Nickel
TDS	<b>619.0</b>	TKN	Selenium
Sodium	<b>124.89</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>68.94</b>	TN	Vanadium
Magnesium	<b>22.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>439.88</b>	Arsenic	Total Hardness <b>268.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>170.03</b>	Beryllium	Phosphate
Chloride	<b>13.12</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.09</b>	Chromium	Amm. Nitrogen
Iron	<b>0.09</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>361.0</b>
Silica	<b>11.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**SW 05-054-01 W5M**

Well Number **08389**

Well Owner: **Prince, Elaine/ Roger**

Elevation (AMSL) (m): **772**

AEP: **444045**

Drilling Contractor: **Unknown Driller**

Licence No.:

Easting: **58,335.11**

Date Started:

Northing: **5,940,563.00**

Date Completed: **21 Sep 77**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>17 Oct 77</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>1090</b>	SAR	Nickel
TDS	<b>673.0</b>	TKN	Selenium
Sodium	<b>132.94</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>88.98</b>	TN	Vanadium
Magnesium	<b>20.06</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>513.09</b>	Arsenic	Total Hardness <b>308.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>174.83</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.08</b>	Chromium	Amm. Nitrogen
Iron	<b>0.90</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>421.0</b>
Silica	<b>15.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-01 W5M**

Well Number **08390**

Well Owner: **Reehn, Larry**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444054**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **4.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>03 Oct 78</b>	
pH (pH unit)	<b>8.10</b>	COD	Mercury
Cond. (µS/cm)	<b>1045</b>	SAR	Nickel
TDS	<b>650.0</b>	TKN	<b>0.01</b>
Sodium	<b>152.03</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>83.97</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>532.62</b>	Arsenic	Total Hardness <b>275.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>132.08</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>1.05</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>1.17</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>437.0</b>
Silica	<b>14.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08391**

Well Owner: **Scott, Rick**

Elevation (AMSL) (m): **772**

AEP: **444114**

Drilling Contractor: *D&D Water Well Drilling & Services*

Licence No.:

Easting: **58,335.11**

Date Started: **16 Jun 88**

Northing: **5,940,563.00**

Date Completed: **17 Jun 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **47.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **54.6** Bottom (m): **54.6**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Welded Collar**  
 from (m): to **54.6**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **53.3** Bottom (m): **67.1**  
 Perforated How: **Other**  
 from (m): **54.9** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **57.9**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **57.9** Drawdown (m): **10.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
16.8	754.8	Clay Yellow
33.5	738.1	Sand
49.7	721.9	Clay Sandy Blue
55.8	715.8	Shale Green
67.1	704.5	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-01 W5M**

Well Number **08392**

Well Owner: **Shaigec, Peter**

Elevation (AMSL) (m): **772**

AEP: **444047**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,335.11**

Date Started: **11 May 77**

Northing: **5,940,563.00**

Date Completed: **11 May 77**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **59.7** Bottom (m): **59.7**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **59.7**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **54.9**

**Testing:**

Rate (lpm): **31.9** Time (minute): **420.0**  
 Level End (m): **54.9** Drawdown (m): **30.5**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
13.7	757.9	Clay	Yellow	
22.9	748.7	Clay	Blue	
59.4	712.2	Clay	Yellow	
61.0	710.6	Shale	Green	
65.2	706.4	Shale	Sandy Gray	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SW 05-054-01 W5M**

Well Number **08393**

Well Owner: **Thompson, F.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444056**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **26 Jul 78**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>1051</b>	SAR	Nickel
TDS	<b>671.0</b>	TKN	Selenium
Sodium	<b>143.06</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>84.97</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>522.86</b>	Arsenic	Total Hardness <b>281.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>163.78</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>0.84</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>429.0</b>
Silica	<b>13.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08394**

Well Owner: **Tokar Const Ltd**

Elevation (AMSL) (m): **772**

AEP: **444090**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **58,335.11**

Date Started: **28 May 81**

Northing: **5,940,563.00**

Date Completed: **09 Jun 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.6** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **55.5** Bottom (m): **55.5**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): **88.9** Thickness (mm):  
 Top (m): Bottom (m): **61.6**  
 Perforated How: **Torch**  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **53.3** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
18.3	753.3	Clay Sandy
24.4	747.2	Blind
27.4	744.2	Clay Silty
29.0	742.6	Sand
31.1	740.5	Silt Sandy
41.2	730.4	Blind
47.2	724.4	Clay Hard
50.3	721.3	Blind
54.9	716.7	Clay Hard
56.4	715.2	Shale Green
61.6	710.0	Shale Soft Gray

<b>Laboratory:</b>			<b>16 Jul 81</b>
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>1015</b>	SAR	Nickel
TDS	<b>674.0</b>	TKN	Selenium
Sodium	<b>147.89</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>84.97</b>	TN	Vanadium
Magnesium	<b>16.05</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>513.70</b>	Arsenic	Total Hardness <b>280.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>157.06</b>	Beryllium	Phosphate
Chloride	<b>13.12</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>1.02</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>422.0</b>
Silica	<b>13.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-01 W5M**

Well Number **08395**

Well Owner: **Walters**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444059**  
 Easting: **58,335.11**  
 Northing: **5,940,563.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **21 Oct 80**

pH (pH unit) <b>8.00</b>	COD	Mercury
Cond. (µS/cm) <b>1106</b>	SAR	Nickel
TDS <b>656.0</b>	TKN	Selenium
Sodium <b>129.03</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>76.95</b>	TN	Vanadium
Magnesium <b>17.02</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>542.99</b>	Arsenic	Total Hardness <b>262.00</b>
Aluminum	Barium	Manganese
Sulphate <b>162.82</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.88</b>
Fluoride <b>0.12</b>	Chromium	Amm. Nitrogen
Iron <b>0.84</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>445.0</b>
Silica <b>13.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-01 W5M**

Well Number **08396**

Well Owner: **Wigelsworth, Allen**

Elevation (AMSL) (m): **772**

AEP: **444094**

Drilling Contractor: **Elk Point Drilling Corp.**

Licence No.:

Easting: **58,335.11**

Date Started:

Northing: **5,940,563.00**

Date Completed: **23 Mar 85**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **54.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **62.8** Bottom (m): **62.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Shale Trap**  
 from (m): to **61.0**  
**Liner:**  
 Type:  
 OD (mm): **141.2** Thickness (mm):  
 Top (m): Bottom (m): **79.2**  
 Perforated How: **Machine**  
 from (m): **62.8** to **79.2** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Grundfos** Intake (m):  
**Testing:**  
 Rate (lpm): **50.2** Time (minute): **720.0**  
 Level End (m): **57.9** Drawdown (m): **0.9**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.7	760.9	Silt Brown
29.0	742.6	Sand Fine Grained Brown
30.5	741.1	Silt Brown
33.5	738.1	Silt Gray
35.0	736.5	Till Gray
37.5	734.1	Shale Light Green
38.4	733.2	Sandstone
39.6	732.0	Shale Oxidized Yellow
41.5	730.1	Shale Light Green
42.1	729.5	Ironstone Brownish Yellow
53.3	718.3	Sandstone Brown
58.5	713.1	Shale Green
61.0	710.6	Sandstone Fine Grained Gray
66.4	705.2	Shale Fractured Green
67.1	704.5	Sandstone Water Bearing
76.2	695.4	Sandstone Fractured
79.2	692.4	Shale Water Bearing Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 08-054-01 W5M**

Well Number **08410**

Well Owner: **Blurton, Richard**

Elevation (AMSL) (m): **742**

AEP: **444256**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,500.13**

Date Started:

Northing: **5,942,710.50**

Date Completed: **28 Aug 68**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **35.4** Bottom (m): **35.4**  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Hand**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	732.6	Clay & Sand
13.1	728.6	Gravel
29.0	712.8	Clay Bentonitic
37.5	704.2	Shale Gray
43.9	697.8	Sand & Shale Water Bearing Gra
46.0	695.7	Shale Brownish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 08-054-01 W5M**

Well Number **08411**

Well Owner: **Blurton, Richard**

Elevation (AMSL) (m): **742**

AEP: **444257**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,500.13**

Date Started: **15 Jun 87**

Northing: **5,942,710.50**

Date Completed: **18 Jun 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **54.9** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **32.9** Bottom (m): **32.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **32.9**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **31.1** Bottom (m): **54.9**  
 Perforated How: **Machine**  
 from (m): **36.6** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **48.8** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
5.2	736.5	Clay Brown
8.5	733.2	Clay Gray
20.1	721.6	Clay & Sand Gravelly
21.3	720.4	Shale Greenish Gray
31.7	710.0	Shale & Sandstone Mixed
35.0	706.7	Shale Gray
39.6	702.1	Shale
42.1	699.6	Sandstone
45.4	696.3	Shale
47.6	694.2	Sandstone
48.2	693.5	Coal
50.6	691.1	Shale
53.6	688.1	Sandstone Gray
54.9	686.8	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 08-054-01 W5M**

Well Number **08412**

Well Owner: **Blurton, Richard**

Elevation (AMSL) (m): **742**

AEP: **444258**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **58,500.13**

Date Started: **07 Nov 88**

Northing: **5,942,710.50**

Date Completed: **08 Nov 88**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **57.9** (m)  
 NPWL (m): **14.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **27.1** Bottom (m): **27.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **27.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **26.2** Bottom (m): **57.9**  
 Perforated How: **Machine**  
 from (m): **33.5** to **57.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **51.8**

**Testing:**

Rate (lpm): **20.5** Time (minute): **180.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **54.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	736.8			Clay & Rocks
9.4	732.3			Gravel
15.5	726.2			Sand & Gravel
16.8	724.9			Shale Green
26.5	715.2			Shale Mixed
28.4	713.4			Shale Brownish Gray
37.8	703.9			Shale
40.2	701.5			Sandstone Gray
43.6	698.1			Shale Mixed
43.9	697.8			Coal
45.1	696.6			Shale
45.7	696.0			Coal
50.3	691.4			Shale Brown
53.6	688.1			Sandstone Gray
57.9	683.8			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 08-054-01 W5M**

Well Number **08413**

Well Owner: **Rottler, Rudolf**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **754**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444255**  
 Easting: **59,039.50**  
 Northing: **5,942,234.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **14 Jun 84**

pH (pH unit) <b>7.50</b>	COD	Mercury
Cond. (µS/cm) <b>934.0</b>	SAR	Nickel
TDS <b>562.0</b>	TKN	Selenium
Sodium <b>69.92</b>	Nitrate	Strontium
Potassium <b>3.91</b>	Nitrite	Molybdenum
Calcium <b>91.98</b>	TN	Vanadium
Magnesium <b>22.98</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>477.10</b>	Arsenic	Total Hardness <b>324.00</b>
Aluminum	Barium	Manganese
Sulphate <b>136.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.90</b>
Fluoride <b>0.20</b>	Chromium	Amm. Nitrogen
Iron <b>3.55</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>391.0</b>
Silica <b>18.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 08-054-01 W5M**

Well Number **08414**

Well Owner: **Waldowski, Joe**

Elevation (AMSL) (m): **745**

AEP: **448161**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **58,509.23**

Date Started:

Northing: **5,941,906.00**

Date Completed: **04 Jul 68**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **46.0** (m)  
 NPWL (m): **34.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **36.6** Bottom (m): **36.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): **342.1** Time (minute): **60.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **36.0** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.4	738.3			Clay & Gravel Sandy
35.0	709.7			Clay Sandy Yellow
40.5	704.2			Shale Blue
42.7	702.0			Sandstone
46.0	698.7			Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-09-054-01 W5M

Well Number 08416

Well Owner: **Cosmic Holdings**

Elevation (AMSL) (m): **770**

AEP: **444282**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **60,814.37**

Date Started: **07 Jun 77**

Northing: **5,942,547.00**

Date Completed: **08 Jun 77**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **93.0** (m)  
NPWL (m): **45.1** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **73.8** Bottom (m): **73.8**  
OD (mm): **115.8** Thickness (mm): **0.0**  
Seal Type: **Unknown**  
from (m): to **64.6**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **19.2** Time (minute): **600.0**  
Level End (m): **54.9** Drawdown (m): **9.8**  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
0.9	769.5	Clay
1.5	768.9	Gravel
6.7	763.7	Clay
11.6	758.8	Sandstone
18.3	752.1	Clay
76.2	694.2	Lost Circulation
77.7	692.7	Shale
79.2	691.2	Coal
81.4	689.0	Shale
82.9	687.5	Coal
86.3	684.2	Shale
89.9	680.5	Sandstone
93.0	677.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

13-10-054-01 W5M

Well Number 08420

Well Owner: **Angus**

Elevation (AMSL) (m): **764**

AEP: **444557**

Licence No.:

Easting: **61,205.77**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Date Started: **25 Nov 80**

Northing: **5,942,894.50**

Date Completed: **26 Nov 80**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **68.6** (m)  
NPWL (m): Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **64.0** Bottom (m): **64.0**  
OD (mm): **115.8** Thickness (mm): **0.1**  
Seal Type: **Drive Shoe**  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **420.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): **63.1** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	760.5	Sand
59.4	705.0	Clay Sandy
64.3	700.1	Shale
67.1	697.4	Sandstone
68.6	695.9	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-10-054-01 W5M

Well Number 08422

Well Owner: **Cooper, Doug**

Elevation (AMSL) (m): **779**

AEP: **444552**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **61,830.28**

Date Started: **28 Mar 85**

Northing: **5,942,441.50**

Date Completed: **30 Mar 85**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **97.5** (m)  
 NPWL (m): **48.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **43.9** Bottom (m): **43.9**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **43.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **42.4** Bottom (m): **97.5**  
 Perforated How: **Machine**  
 from (m): **61.0** to **97.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **64.0**

**Testing:**

Rate (lpm): **18.2** Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **70.1** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.6	774.5	Clay Brown
6.1	772.9	Sand
12.8	766.2	Clay Brown
15.2	763.8	Sand
21.3	757.7	Clay Brown
21.9	757.1	Gravel
39.6	739.4	Clay Brown
44.5	734.5	Shale Green
46.3	732.7	Sandstone Gray
63.4	715.6	Shale
65.8	713.2	Sandstone Gray
70.1	708.9	Shale
76.8	702.2	Sandstone Light Gray
79.2	699.8	Shale
81.1	698.0	Sandstone Light Gray
84.1	694.9	Shale
85.3	693.7	Coal
87.2	691.9	Shale
89.6	689.4	Shale Brown
91.1	687.9	Coal
93.3	685.8	Sandstone Gray
97.5	681.5	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



03-10-054-01 W5M

Well Number 08423

Well Owner: **Lynch, Michael/ Louise**

Elevation (AMSL) (m): **777**

AEP: **444551**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **61,711.88**

Date Started: **15 Jul 84**

Northing: **5,942,036.00**

Date Completed: **17 Jul 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **25.0** (m)  
 NPWL (m): **1.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **3.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **22.9**

**Testing:**

Rate (lpm): **18.2** Time (minute): **900.0**  
 Level End (m): **22.9** Drawdown (m): **21.6**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.0	773.2	Clay & Sand Silty
6.1	771.1	Clay Brown
6.4	770.8	Sand Brown
11.6	765.6	Clay Blue
20.1	757.1	Clay & Sand Blue
22.3	754.9	Sand Green
25.0	752.2	Sandstone Brownish Gray

Laboratory:

**03 Apr 86**

pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>748.0</b>	SAR	Nickel
TDS	<b>414.0</b>	TKN	Selenium
Sodium	<b>8.05</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>108.02</b>	TN	Vanadium
Magnesium	<b>27.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>494.79</b>	Arsenic	Total Hardness <b>385.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>24.02</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.93</b>
Fluoride	<b>0.26</b>	Chromium	Amm. Nitrogen
Iron	<b>0.45</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>406.0</b>
Silica	<b>12.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

09-10-054-01 W5M

Well Number 08425

Well Owner: **Trach, Dave**

Elevation (AMSL) (m): **774**

AEP: **444574**

Drilling Contractor: *Grove Drilling Enterprises (1980) Ltd.*

Licence No.:

Easting: **62,389.32**

Date Started: **01 Sep 83**

Northing: **5,942,933.50**

Date Completed: **12 Sep 83**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **118.9** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **64.0** Bottom (m): **64.0**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Loose**  
 from (m): to **64.0**

**Liner:**

Type:  
 OD (mm): **76.2** Thickness (mm):  
 Top (m): **64.0** Bottom (m): **118.9**  
 Perforated How: **Machine**  
 from (m): **64.0** to **118.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **64.0**

**Testing:**

Rate (lpm): **4.6** Time (minute): **420.0**  
 Level End (m): **64.0** Drawdown (m): **7.6**  
 Rec'd intake (m): **64.0** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
15.9	758.3	Clay
21.9	752.2	Sand & Gravel
24.7	749.5	Clay
30.5	743.7	Sand & Gravel
31.7	742.4	Clay
60.7	713.5	Shale
71.0	703.1	Sandstone
75.3	698.9	Shale
77.1	697.0	Sandstone
89.0	685.1	Shale
90.2	683.9	Coal
98.5	675.7	Shale
99.1	675.1	Coal
103.6	670.5	Shale
112.5	661.7	Sandstone
112.8	661.4	Coal
115.8	658.3	Shale
116.1	658.0	Coal
118.9	655.3	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-054-01 W5M**

Well Number **08426**

Well Owner: **Blanchard, Samuel V.**

Elevation (AMSL) (m): **777**

AEP: **366452**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **62,263.30**

Date Started:

Northing: **5,942,889.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 10-054-01 W5M**

Well Number **08427**

Well Owner: **Feathers, Carl**

Elevation (AMSL) (m): **777**

AEP: **444571**

Drilling Contractor: **Irmc Water Well Service & Supply Co. Ltd**

Licence No.:

Easting: **62,263.30**

Date Started: **21 Nov 79**

Northing: **5,942,889.00**

Date Completed: **28 Nov 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **94.5** (m)  
 NPWL (m): **56.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **94.5**  
 Perforated How: **Torch**  
 from (m): **88.1** to **94.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **91.4**

**Testing:**

Rate (lpm): **2.3** Time (minute): **240.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **91.4** Rec'd Rate (lpm): **4.6**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	772.5			Clay & Rocks
13.1	763.6			Sand & Gravel
16.1	760.6			Clay
17.7	759.1			Clay Brown
23.8	753.0			Clay & Gravel Yellow
31.1	745.7			Gravel
37.8	739.0			Clay Hard
38.1	738.7			Formation Hard
44.2	732.6			Clay
49.1	727.7			Shale
50.3	726.5			Sandstone
88.4	688.4			Shale & Sandstone
89.0	687.8			Coal
94.5	682.3			Shale & Sandstone Soft Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 10-054-01 W5M**

Well Number **08428**

Well Owner: **Feathers, Carl**

Elevation (AMSL) (m): **783**

AEP: **444569**

Drilling Contractor: *Irmc Water Well Service & Supply Co. Ltd*

Licence No.:

Easting: **62,354.87**

Date Started: **22 May 79**

Northing: **5,942,822.84**

Date Completed: **28 May 79**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **121.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.3	779.1	Clay & Rocks
13.1	770.2	Sand & Gravel
16.1	767.2	Clay
17.7	765.7	Clay Brown
23.8	759.6	Clay & Gravel Yellow
31.1	752.3	Gravel
37.8	745.6	Clay Hard
38.1	745.3	Formation Hard
44.2	739.2	Clay
49.1	734.3	Shale
50.3	733.1	Sandstone
88.4	695.0	Shale & Sandstone
89.0	694.4	Coal
100.3	683.1	Shale & Sandstone Soft Gray
100.6	682.8	Coal
116.4	666.9	Shale
121.9	661.4	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 10-054-01 W5M**

Well Number **08429**

Well Owner: **Laberge, Dennis**

Elevation (AMSL) (m): **783**

AEP: **444567**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,317.60**

Date Started: **22 Jun 79**

Northing: **5,942,836.00**

Date Completed: **26 Jun 79**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **88.1** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **48.5** Bottom (m): **48.5**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **48.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **87.2**  
 Perforated How: **Torch**  
 from (m): **48.5** to **87.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **67.1**

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

Depth (m)	Elevation (m)	Lithologic Description
3.1	779.7	Clay Yellow
9.1	773.6	Clay Blue
16.8	766.0	Sand & Gravel Coarse Grained
22.9	759.9	Clay Yellow
31.7	751.1	Gravel
45.1	737.7	Clay Hard Yellow
46.9	735.8	Shale Sandy Gray
49.4	733.4	Shale Green
52.4	730.4	Shale Dark Gray
53.6	729.1	Shale Greenish Gray
57.0	725.8	Shale Sandy Gray
60.7	722.1	Shale Dark Gray
63.1	719.7	Shale Sandy Gray
65.2	717.6	Shale Dark Gray
69.2	713.6	Shale Green
70.1	712.7	Shale Sandy Gray
72.2	710.5	Shale Green
78.6	704.1	Shale Dark Gray
81.4	701.4	Shale Sandy Gray
82.3	700.5	Shale Green
87.5	695.3	Sandstone
88.1	694.7	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 10-054-01 W5M**

Well Number **08430**

Well Owner: **Bell, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444563**  
 Easting: **61,881.11**  
 Northing: **5,943,042.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **57.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **09 Jun 83**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>649.0</b>	SAR	Nickel
TDS <b>367.0</b>	TKN	Selenium
Sodium <b>48.07</b>	Nitrate	Strontium
Potassium <b>6.65</b>	Nitrite	Molybdenum
Calcium <b>74.95</b>	TN	Vanadium
Magnesium <b>11.07</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>375.21</b>	Arsenic	Total Hardness <b>233.00</b>
Aluminum	Barium	Manganese
Sulphate <b>37.94</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance <b>0.98</b>
Fluoride <b>0.08</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>307.0</b>
Silica <b>13.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08431**

Well Owner: **Couture, Dave**

Elevation (AMSL) (m): **767**

AEP: **444566**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,455.80**

Date Started: **17 Oct 89**

Northing: **5,942,909.00**

Date Completed: **18 Oct 89**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **68.6** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **45.1** Bottom (m): **45.1**  
 OD (mm): **152.4** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **45.1**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **45.1** Bottom (m): **67.7**  
 Perforated How: **Machine**  
 from (m): **45.1** to **67.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **45.7**

**Testing:**

Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **45.7** Drawdown (m): **4.6**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.6	762.6			Clay Yellow
15.2	751.9			Clay Blue
36.6	730.6			Clay Hard Yellow
46.3	720.8			Shale Green
51.8	715.4			Shale Sandy Gray
53.3	713.8			Shale Green
56.4	710.8			Shale Sandy Gray
59.4	707.7			Shale Gray
61.0	706.2			Shale Sandy Gray
63.4	703.8			Shale Gray
68.0	699.2			Shale Sandy Gray
68.6	698.6			Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NH 10-054-01 W5M**

Well Number **08432**

Well Owner: **Delaney, Brian**

Elevation (AMSL) (m): **770**

AEP: **444564**

Drilling Contractor: *Kap'S Drilling Ltd.*

Licence No.:

Easting: **61,215.09**

Date Started: **14 Jul 80**

Northing: **5,942,751.00**

Date Completed: **15 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **47.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **50.3** Bottom (m): **50.3**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to **50.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **50.3**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **50.3** Drawdown (m): **2.4**  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
45.7	724.4		Clay & Sand Brown
55.5	714.7		Shale
61.0	709.2		Sandstone
62.5	707.7		Shale
67.7	702.5		Sandstone
70.1	700.1		Shale
73.2	697.0		Sandstone
73.8	696.4		Shale
78.6	691.5		Sandstone
79.2	690.9		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Strativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NH 10-054-01 W5M**

Well Number **08433**

Well Owner: **Geoscience Consulting #1**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**      AEP: **444561**  
 Licence No.:      Easting: **61,967.93**  
 Date Started: **28 Sep 76**      Northing: **5,942,833.73**  
 Date Completed: **28 Sep 76**

**General:**  
 Type of Work: **Dry Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth **3.1** (m)  
 NPWL (m):      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):      Bottom (m):  
 OD (mm):      Thickness (mm):  
 Seal Type:  
 from (m):      to

**Liner:**  
 Type:  
 OD (mm):      Thickness (mm):  
 Top (m):      Bottom (m):  
 Perforated How:  
 from (m):      to      Size:  
 from (m):      to      Size:  
 from (m):      to      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):      to      Size:  
 from (m):      to      Size:

**Open Hole:**  
 from (m):      to

**Pump:**  
 Model:      Intake (m):

**Testing:**  
 Rate (lpm):      Time (minute):  
 Level End (m):      Drawdown (m):  
 Rec'd intake (m):      Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	768.4	Sand Silty Brownish Yellow
3.1	766.9	Till Medium Grained Dark Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**      Transmissivity:      m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project:      Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08434**

Well Owner: **Gilks, Tom**

Elevation (AMSL) (m): **786**

AEP: **368863**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **62,527.94**

Date Started: **24 Nov 92**

Northing: **5,942,711.50**

Date Completed: **03 Dec 92**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **115.5** (m)  
 NPWL (m): **53.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **37.2** Bottom (m): **37.2**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **37.2**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **37.2** Bottom (m): **114.6**  
 Perforated How: **Saw**  
 from (m): **37.2** to **114.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **82.3** Drawdown (m): **29.0**  
 Rec'd intake (m): **82.3** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
35.0	750.5	Clay
36.6	749.0	Shale Gray
44.5	741.0	Shale Green
61.9	723.7	Shale
62.2	723.4	Sandstone Hard
86.6	699.0	Shale
92.1	693.5	Coal
98.5	687.1	Shale
100.0	685.6	Coal
112.8	672.8	Shale
113.1	672.5	Coal
115.5	670.0	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 10-054-01 W5M**

Well Number **08435**

Well Owner: **Holoner, D**

Elevation (AMSL) (m): **782**

AEP: **357888**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,879.63**

Date Started: **03 May 91**

Northing: **5,943,055.50**

Date Completed: **08 May 91**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **113.1** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **61.6** Bottom (m): **61.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **61.3** to **61.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.2** Bottom (m): **113.1**  
 Perforated How: **Other**  
 from (m): **78.6** to **111.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Gould 5g05422** Intake (m): **76.2**

**Testing:**

Rate (lpm): **18.2** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **30.5**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

5.8	775.9	Clay Sandy Brown
9.8	772.0	Clay Gray
18.3	763.4	Clay Gray
30.2	751.6	Clay Sandy Brown
39.3	742.4	Shale Light Brown
40.2	741.5	Shale Gray
45.1	736.6	Sandstone Soft Gray
45.7	736.0	Shale Green
57.0	724.7	Sandstone Gray
59.4	722.3	Shale Gray
61.3	720.5	Sandstone Gray
64.9	716.8	Shale Gray
69.2	712.5	Sandstone Gray
73.5	708.3	Shale
74.4	707.4	Coal
75.3	706.5	Shale Brown
76.2	705.5	Sandstone Gray
78.9	702.8	Shale
81.4	700.4	Sandstone Gray
84.4	697.3	Shale Brown
85.3	696.4	Coal
94.2	687.6	Shale Green
107.3	674.5	Shale
111.9	669.9	Sandstone Gray
113.1	668.7	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 10-054-01 W5M**

Well Number **08436**

Well Owner: **Ollenberg, Lyle**

Elevation (AMSL) (m): **788**

AEP: **399766**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **61,991.87**

Date Started: **19 Oct 94**

Northing: **5,943,036.00**

Date Completed: **21 Oct 94**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): **43.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **47.6** Bottom (m): **47.6**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **47.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **70.1** to **76.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **77.7**

**Testing:**

Rate (lpm): **45.6** Time (minute): **120.0**  
 Level End (m): **44.2** Drawdown (m): **0.4**  
 Rec'd intake (m): **54.0** Rec'd Rate (lpm): **45.6**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

(BGL) (m)	(AMSL) (m)	Lithologic Description
3.1	785.3	Clay
4.9	783.4	Sand
6.7	781.6	Gravel
9.1	779.2	Clay Sandy
16.5	771.9	Sand & Gravel
27.4	760.9	Clay
29.9	758.5	Shale Gray
45.7	742.6	Shale Green
46.9	741.4	Sandstone Gray
49.1	739.3	Shale Green
56.7	731.6	Shale Greenish Gray
57.9	730.4	Shale Brown
71.3	717.0	Shale & Sandstone Mixed
72.5	715.8	Sandstone Gray
75.6	712.7	Shale Gray
76.2	712.1	Coal
79.2	709.1	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08437**

Well Owner: **Patersen, John**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **449070**  
 Easting: **61,881.11**  
 Northing: **5,943,042.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **09 Dec 81**

pH (pH unit) <b>8.10</b>	COD	Mercury
Cond. (µS/cm) <b>630.0</b>	SAR	Nickel
TDS <b>317.0</b>	TKN	Selenium
Sodium <b>74.98</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>33.07</b>	TN	Vanadium
Magnesium <b>8.03</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>372.16</b>	Arsenic	Total Hardness <b>115.00</b>
Aluminum	Barium	Manganese
Sulphate <b>14.89</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.87</b>
Fluoride <b>0.10</b>	Chromium	Amm. Nitrogen
Iron <b>0.09</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>305.0</b>
Silica <b>13.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08438**

Well Owner: **Patersen, John**  
 Drilling Contractor: *Grove Drilling Ltd*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed: **10 Sep 79**  
 AEP: **449076**  
 Easting: **61,129.16**  
 Northing: **5,942,910.50**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **100.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type: **Drive Shoe**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Top (m): Bottom (m): **73.2**  
 Perforated How: **Torch**  
 from (m): **67.1** to **73.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **50.3** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
0.9	763.6		Sand
4.6	759.9		Clay
7.3	757.2		Sand
14.9	749.6		Clay
16.1	748.3		Sand
47.6	716.9		Clay
67.1	697.4		Shale
70.7	693.8		Sandstone
77.7	686.8		Shale
78.9	685.5		Coal
85.6	678.8		Shale
89.0	675.5		Coal
100.6	663.9		Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NH 10-054-01 W5M**

Well Number **08439**

Well Owner: **Reid, Dave**

Elevation (AMSL) (m): **759**

AEP: **351181**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,122.05**

Date Started: **18 Dec 89**

Northing: **5,943,120.50**

Date Completed: **28 Dec 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.7** (m)  
 NPWL (m): **39.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **47.2**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **47.2** Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **47.2** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **48.8** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
3.7	755.0	Sand Yellow
25.6	733.0	Clay Blue
44.2	714.4	Clay Yellow
48.8	709.9	Shale Green
50.3	708.3	Shale Sandy Gray
57.6	701.0	Shale Green
61.6	697.1	Shale Sandy Gray
63.4	695.2	Shale Gray
64.6	694.0	Shale Sandy Gray
70.7	687.9	Coal
72.5	686.1	Coal
78.0	680.6	Shale Green
79.8	678.8	Shale Sandy Gray
81.4	677.3	Shale Brown
82.3	676.3	Coal
88.1	670.6	Shale Green
90.2	668.4	Shale Sandy Gray
91.7	666.9	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NH 10-054-01 W5M**

Well Number **08440**

Well Owner: **Sager, Gary**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444562**  
 Easting: **61,881.11**  
 Northing: **5,943,042.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **87.2** (m)  
 NPWL (m): **67.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Mar 80**

pH (pH unit)	<b>7.90</b>	COD	Mercury
Cond. (µS/cm)	<b>598.0</b>	SAR	Nickel
TDS	<b>347.0</b>	TKN	Selenium
Sodium	<b>37.95</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>71.94</b>	TN	Vanadium
Magnesium	<b>18.97</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>392.90</b>	Arsenic	Total Hardness <b>258.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>21.13</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.15</b>	Chromium	Amm. Nitrogen
Iron	<b>0.07</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>322.0</b>
Silica	<b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08441**

Well Owner: **Shynkaryk, Ambrose**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444565**  
 Easting: **61,881.11**  
 Northing: **5,943,042.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **4.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **08 Jul 86**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>630.0</b>	SAR	Nickel
TDS <b>337.0</b>	TKN	Selenium
Sodium <b>5.98</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>92.99</b>	TN	Vanadium
Magnesium <b>22.01</b>	TC	Zinc
Carbonate <b>8.10</b>	DIC	Hydroxide
Bicarbonate <b>366.06</b>	Arsenic	Total Hardness <b>323.00</b>
Aluminum	Barium	Manganese
Sulphate <b>20.17</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance <b>1.00</b>
Fluoride <b>0.30</b>	Chromium	Amm. Nitrogen
Iron <b>0.23</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>314.0</b>
Silica <b>14.40</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NH 10-054-01 W5M**

Well Number **08442**

Well Owner: **Wade, Angus**

Elevation (AMSL) (m): **782**

AEP: **449067**

Drilling Contractor: *Grove Drilling Ltd*

Licence No.:

Easting: **61,881.11**

Date Started: **15 Sep 79**

Northing: **5,943,042.00**

Date Completed: **15 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **63.7** Bottom (m): **63.7**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Drive Shoe**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute): **480.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm):

<b>Depth Elevation</b>			<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>		
<b>(m)</b>	<b>(m)</b>		
5.5	776.4		Sand
7.9	773.9		Clay
27.4	754.4		Shale
39.3	742.5		Bentonite
46.9	734.9		Shale
51.2	730.7		Sandstone
66.4	715.4		Shale
70.7	711.1		Sandstone
71.6	710.2		Coal
76.5	705.4		Shale
77.4	704.4		Coal
80.2	701.7		Shale
82.9	699.0		Coal
88.4	693.5		Shale
90.2	691.6		Sandstone
91.4	690.4		Shale

Laboratory: **04 Mar 86**

pH (pH unit)	<b>7.80</b>	COD	Mercury
Cond. (µS/cm)	<b>954.0</b>	SAR	Nickel
TDS	<b>501.0</b>	TKN	Selenium
Sodium	<b>94.07</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>86.97</b>	TN	Vanadium
Magnesium	<b>13.01</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>333.11</b>	Arsenic	Total Hardness <b>271.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>20.17</b>	Beryllium	Phosphate
Chloride	<b>120.18</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride	<b>0.06</b>	Chromium	Amm. Nitrogen
Iron	<b>3.37</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>273.0</b>
Silica	<b>11.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-054-01 W5M**

Well Number **08443**

Well Owner: **Dagg, Scott**

Elevation (AMSL) (m): **765**

AEP: **357744**

Drilling Contractor: *Bar-K Water Well Drilling Ltd.*

Licence No.:

Easting: **61,533.61**

Date Started: **28 Apr 90**

Northing: **5,943,049.00**

Date Completed: **02 May 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **17.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **49.1** Bottom (m): **49.1**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **48.5**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **48.5** Bottom (m): **64.0**  
 Perforated How: **Machine**  
 from (m): **57.9** to **64.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **57.9**

**Testing:**

Rate (lpm): **27.4** Time (minute): **420.0**  
 Level End (m): **18.6** Drawdown (m): **1.2**  
 Rec'd intake (m): Rec'd Rate (lpm): **27.4**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
11.6	753.0			Clay
14.3	750.3			Gravel
23.2	741.5			Sand & Clay Stringers
25.6	739.0			Sand & Gravel
47.2	717.4			Sand & Clay Stringers
47.9	716.8			Shale Soft
50.3	714.3			Shale
52.1	712.5			Sandstone Brown
57.0	707.6			Shale & Sandstone Fractured
58.8	705.8			Sandstone
59.1	705.5			Shale
62.5	702.1			Sandstone
63.1	701.5			Shale
64.0	700.6			Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-054-01 W5M**

Well Number **08444**

Well Owner: **Dor Dor Development**

Elevation (AMSL) (m): **765**

AEP: **444554**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,533.61**

Date Started: **07 Mar 77**

Northing: **5,943,049.00**

Date Completed: **08 Mar 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **45.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **43.3**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **64.3**  
 Perforated How: **Torch**  
 from (m): **43.3** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **48.8**  
**Testing:**  
 Rate (lpm): **36.5** Time (minute): **1440.0**  
 Level End (m): **48.8** Drawdown (m): **3.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	758.5	Clay Yellow
15.2	749.4	Clay Blue
17.7	746.9	Sand & Gravel
18.9	745.7	Clay Blue
20.7	743.9	Clay & Rocks
23.8	740.9	Sand & Gravel
42.4	722.3	Clay Yellow
43.0	721.7	Shale Green
46.6	718.0	Shale Dark Gray
48.8	715.9	Shale Sandy Gray
54.3	710.4	Shale Greenish Gray
56.1	708.5	Shale Sandy Gray
59.4	705.2	Shale Greenish Gray
64.0	700.6	Shale Sandy Gray
65.2	699.4	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-054-01 W5M**

Well Number **08446**

Well Owner: **Munteanu, Patricia**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **765**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356965**  
 Easting: **61,533.61**  
 Northing: **5,943,049.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 10-054-01 W5M**

Well Number **08447**

Well Owner: **Parker, George**

Elevation (AMSL) (m): **765**

AEP: **444555**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,533.61**

Date Started: **12 Dec 75**

Northing: **5,943,049.00**

Date Completed: **29 Dec 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **45.7** Bottom (m): **45.7**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **45.7**

**Liner:**

Type:  
 OD (mm): **90.4** Thickness (mm):  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Torch**  
 from (m): **45.7** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **44.2**

**Testing:**

Rate (lpm): **9.1** Time (minute): **420.0**  
 Level End (m): **44.2** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

8.2	756.4	Sand & Rocks
15.2	749.4	Clay Blue
27.7	736.9	Clay & Rocks Blue
36.6	728.1	Clay Yellow
44.8	719.8	Clay Brittle Yellow
47.9	716.8	Shale Greenish Gray
48.2	716.5	Shale Sandy Gray
52.7	711.9	Shale Brownish Green
54.9	709.8	Shale Sandy Gray
61.0	703.7	Shale Dark Gray
62.2	702.4	Shale Green
62.8	701.8	Shale Sandy Gray
69.5	695.1	Shale Dark Gray
71.0	693.6	Shale & Coal Brown
77.1	687.5	Shale Dark Gray
77.7	686.9	Coal
78.9	685.7	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-054-01 W5M**

Well Number **08448**

Well Owner: **Steinke, Dale**

Elevation (AMSL) (m): **789**

AEP: **382572**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **62,246.88**

Date Started: **12 Mar 94**

Northing: **5,942,716.50**

Date Completed: **21 Mar 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **96.0** (m)  
 NPWL (m): **54.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **60.7** Bottom (m): **60.7**  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **60.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **59.4** Bottom (m): **96.0**  
 Perforated How: **Torch**  
 from (m): **73.2** to **76.2** Size:  
 from (m): **86.9** to **89.9** Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **5g07412** Intake (m): **85.3**  
**Testing:**  
 Rate (lpm): **45.6** Time (minute): **420.0**  
 Level End (m): **79.2** Drawdown (m): **24.4**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **31.9**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
9.8	779.2	Silt Brown
12.2	776.8	Silt Gray
22.3	766.7	Bentonite Silty
29.9	759.1	Sand
42.7	746.3	Silt Brown
46.3	742.6	Shale Gray
47.2	741.7	Sandstone
50.9	738.1	Shale
56.7	732.3	Siltstone
61.0	728.0	Sandstone
73.8	715.2	Shale
76.5	712.5	Sandstone Water Bearing
87.2	701.8	Shale
88.1	700.9	Coal Water Bearing
96.0	692.9	Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:	
Aquifer Test: <b>No</b>		
Project:	Database: <b>1.000H</b>	
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>	

Water Well Positioned by PFRA in 10TM NAD 27



**NW 10-054-01 W5M**

Well Number **08449**

Well Owner: **Tildesley, Murray**

Elevation (AMSL) (m): **762**

AEP: **444556**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,507.02**

Date Started: **20 Jun 79**

Northing: **5,943,142.00**

Date Completed: **22 Jun 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **83.5** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **50.0** Bottom (m): **50.0**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **34.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **82.6**  
 Perforated How: **Torch**  
 from (m): **50.0** to **82.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	755.1	Clay Yellow
10.4	751.4	Clay Blue
15.9	745.9	Sand Coarse Grained
20.4	741.3	Clay Blue
23.5	738.3	Clay & Rocks Sandy Yellow
26.5	735.2	Sand Yellow
44.8	717.0	Clay Yellow
48.2	713.6	Shale Green
50.0	711.8	Shale Brittle
52.4	709.3	Shale Green
53.6	708.1	Shale Brown
54.6	707.2	Shale Dark Gray
57.3	704.5	Shale Sandy Gray
58.8	702.9	Shale Green
61.9	699.9	Shale Sandy Gray
63.7	698.1	Shale Dark Gray
68.6	693.2	Shale Sandy Gray
72.5	689.2	Shale Dark Gray
80.8	681.0	Shale & Coal Brown
83.5	678.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 10-054-01 W5M**

Well Number **08450**

Well Owner: **Ulrich, Gordon**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **765**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **354533**  
 Easting: **61,533.61**  
 Northing: **5,943,049.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 10-054-01 W5M**

Well Number **08452**

Well Owner: **Gwilliam, Scott**

Elevation (AMSL) (m): **777**

AEP: **379195**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **61,691.80**

Date Started: **18 May 95**

Northing: **5,942,516.00**

Date Completed: **23 May 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **46.9** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **59.4** Bottom (m): **59.4**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **58.5** Bottom (m): **91.4**  
 Perforated How: **Saw**  
 from (m): **61.0** to **65.8** Size:  
 from (m): **67.1** to **73.2** Size:  
 from (m): **79.2** to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **52.1** Drawdown (m): **5.2**  
 Rec'd intake (m): **57.0** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

4.6	772.8	Clay & Rocks	Brown
12.2	765.2	Clay	Gray
16.5	760.9	Sand	
17.1	760.3	Clay	
17.7	759.7	Gravel	
19.5	757.9	Clay & Gravel	
39.6	737.8	Clay	Brown
41.5	735.9	Shale	Green
42.1	735.3	Shale	Gray
48.8	728.6	Sandstone	Gray
51.8	725.6	Shale	Green
54.3	723.1	Sandstone	Gray
57.9	719.5	Shale	Gray
59.1	718.2	Sandstone	Gray
62.2	715.2	Shale	Gray
64.3	713.1	Sandstone	Gray
70.7	706.7	Shale	
72.5	704.8	Sandstone	Gray
82.9	694.5	Shale	
83.8	693.6	Coal	
88.4	689.0	Shale	
89.6	687.8	Sandstone	Gray
91.4	685.9	Shale	

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-054-01 W5M**

Well Number **08453**

Well Owner: **Holomey, Dean**

Elevation (AMSL) (m): **776**

AEP: **364759**

Drilling Contractor: *Marwayne Water Well Drilling Services Lt*

Licence No.:

Easting: **61,744.19**

Date Started: **28 May 92**

Northing: **5,942,174.00**

Date Completed: **01 Jun 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **54.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **54.9** Bottom (m): **54.9**  
 OD (mm): **152.4** Thickness (mm): **0.2**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **54.9**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **54.3** Bottom (m): **103.6**  
 Perforated How: **Saw**  
 from (m): **61.0** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **97.5**

**Testing:**

Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **97.5** Drawdown (m): **43.0**  
 Rec'd intake (m): **85.3** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

(BGL)	(AMSL)	(m)	(m)	Lithologic Description
4.9	770.7			Clay Brown
6.4	769.1			Sand Brown
13.4	762.1			Clay Gray
18.6	757.0			Shale Gray
33.5	742.0			Shale & Sandstone Mixed
39.6	735.9			Shale Green
51.2	724.3			Shale
52.1	723.4			Sandstone Gray
56.4	719.2			Shale Green
61.3	714.3			Shale
64.0	711.5			Sandstone Gray
83.8	691.7			Shale Mixed
85.6	689.9			Sandstone & Coal
103.6	671.9			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 10-054-01 W5M**

Well Number **08454**

Well Owner: **Mcgain, Bill**

Elevation (AMSL) (m): **772**

AEP: **444553**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **61,525.88**

Date Started:

Northing: **5,942,295.00**

Date Completed: **06 Jul 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **80.2** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Unknown**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **80.2**  
 Perforated How: **Torch**  
 from (m): **56.1** to **80.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **80.2**

**Testing:**

Rate (lpm): **20.5** Time (minute): **120.0**  
 Level End (m): **79.2** Drawdown (m): **48.8**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	765.9			Clay Brown
12.2	759.8			Sand & Gravel
25.9	746.1			Clay Brown
26.5	745.5			Sandstone
48.8	723.2			Sand & Shale Gray
54.9	717.1			Shale Blue
80.2	691.8			Shale

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-054-01 W5M**

Well Number **08455**

Well Owner: **McLean, Bill**

Elevation (AMSL) (m): **772**

AEP: **444315**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **61,525.88**

Date Started: **18 Nov 76**

Northing: **5,942,295.00**

Date Completed: **22 Nov 76**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **92.7** (m)  
 NPWL (m): **48.2** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **51.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **91.7**  
 Perforated How: **Torch**  
 from (m): **51.8** to **91.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **1440.0**  
 Level End (m): **64.9** Drawdown (m): **16.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
8.5	763.5	Clay Sandy Yellow
13.7	758.3	Clay Blue
35.0	737.0	Clay Yellow
36.0	736.0	Shale Sandy Gray
38.4	733.6	Shale Green
41.8	730.2	Shale Sandy Gray
48.2	723.8	Shale Green
50.0	722.0	Shale Sandy Gray
53.0	719.0	Shale Green
54.9	717.1	Shale Brittle Gray
67.4	704.6	Shale Sandy Gray
67.7	704.3	Formation Hard
69.8	702.2	Shale Dark Gray
80.5	691.5	Shale Sandy Gray
80.8	691.2	Shale Brown
82.9	689.1	Shale Greenish Gray
84.1	687.9	Shale & Coal Brown
84.7	687.3	Shale Green
86.0	686.1	Shale Brown
92.7	679.4	Shale Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-054-01 W5M**

Well Number **08456**

Well Owner: **Waldbillig, K**

Elevation (AMSL) (m): **780**

AEP: **353478**

Drilling Contractor: *Cobob Pumps And Services Ltd.*

Licence No.:

Easting: **61,582.01**

Date Started: **24 Oct 90**

Northing: **5,941,950.50**

Date Completed: **28 Oct 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **106.7** (m)  
 NPWL (m): **57.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **46.6** Bottom (m): **46.6**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Drive Shoe**  
 from (m): to **45.7**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.7** Bottom (m): **106.7**  
 Perforated How: **Machine**  
 from (m): **91.4** to **103.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Gould** Intake (m):

**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **76.2** Drawdown (m): **18.3**  
 Rec'd intake (m): Rec'd Rate (lpm): **22.8**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
1.8	777.8	Sand & Gravel
3.1	776.5	Sand
16.8	762.8	Clay
20.1	759.5	Shale Light Brown
28.0	751.6	Shale Brown
34.4	745.2	Sandstone
49.1	730.5	Shale Gray
50.3	729.3	Shale Brown
50.9	728.7	Shale Gray
54.6	725.0	Shale Gray
57.3	722.3	Siltstone
58.5	721.1	Sandstone
61.0	718.6	Shale Green
65.5	714.1	Siltstone
68.0	711.6	Shale Green
71.0	708.6	Siltstone
72.5	707.1	Shale Gray
75.6	704.0	Shale Brown
75.9	703.7	Coal
78.6	701.0	Sandstone
79.2	700.4	Shale Brown
79.6	700.0	Coal
81.4	698.2	Shale Gray
81.7	697.9	Coal
82.0	697.6	Shale Green
84.1	695.5	Sandstone
85.3	694.3	Shale Gray
87.2	692.4	Siltstone
90.2	689.4	Sandstone
91.4	688.2	Shale Green
96.6	683.0	Sandstone
96.9	682.7	Coal
99.1	680.5	Shale Brown
99.7	679.9	Shale Green
101.5	678.1	Shale Gray
102.4	676.9	Sandstone
102.7	676.9	Shale Gray
105.2	674.4	Sandstone
106.7	672.9	Shale

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 10-054-01 W5M**

Well Number **08457**

Well Owner: **Zahara, Linda**

Elevation (AMSL) (m): **771**

AEP: **363748**

Drilling Contractor: *Blakeman'S, Norm Drilling Ltd.*

Licence No.:

Easting: **61,495.93**

Date Started: **10 Aug 81**

Northing: **5,942,406.00**

Date Completed: **11 Aug 81**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **85.3** (m)  
 NPWL (m): **29.6** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **51.2** Bottom (m): **51.2**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **51.2**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **120.0**  
 Level End (m): **51.2** Drawdown (m): **21.6**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
4.6	766.0	Clay Brown
15.2	755.3	Clay Blue
35.0	735.5	Sandstone Brown
39.9	730.6	Shale Gray
42.4	728.2	Sandstone Gray
51.5	719.0	Shale Gray
52.4	718.1	Sandstone Blue
75.6	695.0	Shale Gray
77.7	692.8	Sandstone Blue
82.3	688.3	Shale Gray
83.5	687.0	Sandstone Gray
85.3	685.2	Shale Brittle

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**NW 11-054-01 W5M**

Well Number **08459**

Well Owner: **De Groot, Jim**

Elevation (AMSL) (m): **770**

AEP: **354068**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **63,023.17**

Date Started: **01 Oct 80**

Northing: **5,942,840.00**

Date Completed: **03 Oct 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **43.6** Bottom (m): **43.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **43.6**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **7.3** to **43.6** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **11.4** Time (minute): **420.0**  
 Level End (m): **51.8** Drawdown (m): **9.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
3.1	767.4			Clay Yellow
6.1	764.4			Sand
7.0	763.5			Clay Yellow
10.7	759.8			Clay Blue
42.4	728.1			Clay & Rocks Yellow
45.7	724.8			Shale Green
50.0	720.5			Shale Gray
56.4	714.1			Shale Green
57.6	712.9			Shale Gray
65.5	705.0			Sandstone
71.6	698.9			Shale Gray
73.8	696.7			Coal
74.4	696.1			Shale Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**NW 11-054-01 W5M**

Well Number **08460**

Well Owner: **Glen Deering Const Ltd**

Elevation (AMSL) (m): **770**

AEP: **378946**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **63,091.77**

Date Started: **26 Jun 95**

Northing: **5,943,056.50**

Date Completed: **27 Jun 95**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.0** (m)  
 NPWL (m): **40.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **46.3** Bottom (m): **46.3**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Shale Trap & Bentoni**  
 from (m): to **46.3**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **44.8** Bottom (m): **82.0**  
 Perforated How: **Saw**  
 from (m): **57.9** to **81.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **82.0**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **68.6** Drawdown (m): **28.0**  
 Rec'd intake (m): **61.0** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

Depth (m)	Elevation (m)	Lithologic Description
3.4	766.7	Clay & Sand Yellow
4.9	765.1	Sand & Gravel
6.7	763.3	Clay Sandy Yellow
10.4	759.6	Clay Blue
17.1	752.9	Clay Sandy Yellow
21.6	748.4	Sand & Gravel
39.3	730.7	Sandstone
48.2	721.8	Shale Green
50.9	719.1	Sandstone
60.4	709.7	Shale Green
61.9	708.1	Sandstone
62.5	707.5	Shale & Coal Brown
68.3	701.7	Shale Gray
69.2	700.8	Shale & Coal Brown
78.0	692.0	Sandstone
79.6	690.5	Shale & Coal Brown
82.0	688.0	Shale Gray

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-054-01 W5M**

Well Number **08461**

Well Owner: **Leishman, Monty**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448158**  
 Easting: **63,091.77**  
 Northing: **5,943,056.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **79.2** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **27 Sep 83**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1586</b>	SAR	Nickel
TDS <b>997.0</b>	TKN	Selenium
Sodium <b>379.96</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>4.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>646.71</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum	Barium	Manganese
Sulphate <b>290.10</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.01</b>
Fluoride <b>0.06</b>	Chromium	Amm. Nitrogen
Iron <b>0.25</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>531.0</b>
Silica <b>15.80</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 11-054-01 W5M**

Well Number **08463**

Well Owner: **Skeels, Bryan**

Elevation (AMSL) (m): **770**

AEP: **448152**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **63,118.16**

Date Started: **02 May 77**

Northing: **5,942,871.50**

Date Completed: **04 May 77**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **78.9** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **51.8** Bottom (m): **51.8**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **51.8**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **78.0**  
 Perforated How: **Torch**  
 from (m): **51.8** to **78.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **56.4**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **420.0**  
 Level End (m): **56.4** Drawdown (m): **10.7**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
4.6	765.0		Clay Yellow
9.1	760.4		Clay Blue
9.4	760.1		Stones
12.2	757.4		Clay Yellow
15.2	754.3		Gravel
18.9	750.7		Clay Yellow
21.3	748.2		Gravel
51.5	718.0		Clay Yellow
54.9	714.7		Shale Green
58.2	711.3		Shale Dark Gray
59.7	709.8		Shale Sandy Gray
60.7	708.9		Shale Brown
62.2	707.4		Shale Green
69.8	699.8		Shale Sandy Gray
71.3	698.2		Shale Brown
71.6	697.9		Coal
74.1	695.5		Shale Green
76.2	693.4		Shale Sandy Gray
76.8	692.7		Shale Brown
77.4	692.1		Coal
78.9	690.6		Shale Brown

Laboratory:		<b>04 Dec 78</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1193</b>	SAR	Nickel
TDS	<b>798.0</b>	TKN	<b>0.01</b>
Sodium	<b>184.00</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>86.97</b>	TN	Vanadium
Magnesium	<b>18.97</b>	TC	Zinc
Carbonate	<b>15.00</b>	DIC	Hydroxide
Bicarbonate	<b>541.16</b>	Arsenic	Total Hardness <b>295.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>222.86</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.07</b>	Chromium	Amm. Nitrogen
Iron	<b>1.04</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>469.0</b>
Silica	<b>13.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-054-01 W5M**

Well Number **08464**

Well Owner: **Trueman, Richard**

Elevation (AMSL) (m): **770**

AEP: **444584**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **63,091.77**

Date Started:

Northing: **5,943,056.50**

Date Completed: **01 Jan 52**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Hand Dug**  
 Well Use: **Domestic**  
 Completed Depth **12.8** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>18 Feb 75</b>	
pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>850.0</b>	SAR	Nickel
TDS	<b>502.0</b>	TKN	Selenium
Sodium	<b>16.10</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>108.02</b>	TN	Vanadium
Magnesium	<b>35.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>40.88</b>	Arsenic	Total Hardness <b>415.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>90.78</b>	Beryllium	Phosphate
Chloride	<b>41.83</b>	Cadium	Ion Balance <b>0.93</b>
Fluoride	<b>0.26</b>	Chromium	Amm. Nitrogen
Iron	<b>0.60</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>336.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 11-054-01 W5M**

Well Number **08465**

Well Owner: **Trueman, Richard**

Elevation (AMSL) (m): **770**

AEP: **444580**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **63,091.77**

Date Started: **02 Jun 75**

Northing: **5,943,056.50**

Date Completed: **04 Jun 75**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **60.7** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **45.4** Bottom (m): **45.4**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **45.4**

**Liner:**

Type:  
 OD (mm): **90.4** Thickness (mm):  
 Top (m): Bottom (m): **59.7**  
 Perforated How: **Torch**  
 from (m): **45.4** to **59.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **50.3**

**Testing:**

Rate (lpm): **16.0** Time (minute): **420.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.1	763.9			Clay Yellow
14.3	755.7			Clay & Rocks Blue
18.3	751.7			Sand & Gravel
37.8	732.2			Clay Yellow
39.3	730.7			Shale Greenish Gray
41.2	728.9			Shale Sandy Gray
42.7	727.3			Clay Yellow
44.5	725.5			Shale Green
46.3	723.7			Shale Gray
51.2	718.8			Shale Sandy Gray
55.2	714.8			Shale Gray
58.5	711.5			Shale Sandy Gray
59.4	710.6			Shale Brown
60.7	709.4			Shale Dark Gray

Laboratory:

**09 Jul 75**

pH (pH unit)	<b>7.30</b>	COD	Mercury
Cond. (µS/cm)	<b>775.0</b>	SAR	Nickel
TDS	<b>384.0</b>	TKN	Selenium
Sodium	<b>40.02</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>63.93</b>	TN	Vanadium
Magnesium	<b>31.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>435.00</b>	Arsenic	Total Hardness <b>292.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>26.90</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.00</b>
Fluoride		Chromium	Amm. Nitrogen
Iron	<b>0.90</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>357.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-054-01 W5M**

Well Number **08466**

Well Owner: **Mccormick, Janet & Ellis, R**

Elevation (AMSL) (m): **783**

AEP: **351282**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,266.32**

Date Started: **22 Mar 90**

Northing: **5,942,344.00**

Date Completed: **26 Mar 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **86.9** (m)  
 NPWL (m): **41.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **42.4** Bottom (m): **42.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.4**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **42.4** Bottom (m): **86.0**  
 Perforated How: **Machine**  
 from (m): **42.4** to **86.0** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **68.6** Drawdown (m): **27.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
6.1	776.6		Clay Yellow
20.4	762.3		Clay Blue
26.2	756.5		Clay Yellow
26.8	755.9		Clay Blue
40.5	742.2		Clay Yellow
44.8	737.9		Shale Green
47.6	735.2		Shale Sandy Gray
53.3	729.4		Shale Gray
61.3	721.4		Shale Sandy Gray
61.9	720.8		Shale Gray
63.4	719.3		Shale Sandy Gray
67.1	715.7		Shale Gray
68.6	714.1		Shale & Coal Brown
71.0	711.7		Shale Gray
73.8	708.9		Shale Sandy Gray
77.7	705.0		Shale Green
82.9	699.8		Shale Sandy Gray
86.9	695.8		Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 11-054-01 W5M**

Well Number **08467**

Well Owner: **Mccormick, Jim**

Elevation (AMSL) (m): **783**

AEP: **444576**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **64,266.32**

Date Started: **04 May 82**

Northing: **5,942,344.00**

Date Completed: **10 May 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **38.1** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Formation Seal**  
 from (m): to **41.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): Bottom (m): **73.5**  
 Perforated How: **Torch**  
 from (m): **41.2** to **73.5** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **57.9**

**Testing:**  
 Rate (lpm): **6.8** Time (minute): **420.0**  
 Level End (m): **57.9** Drawdown (m): **19.8**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.9	774.8	Clay Soft Yellow
18.9	763.8	Clay Blue
33.8	748.9	Clay Yellow
37.5	745.2	Clay Blue
44.2	738.5	Shale Green
47.9	734.9	Shale Sandy Gray
49.4	733.3	Shale Greenish Gray
50.9	731.8	Shale Dark Gray
52.7	730.0	Shale Green
54.0	728.8	Shale Brown
57.6	725.1	Shale Sandy Gray
58.2	724.5	Shale Brown
60.4	722.4	Shale Sandy Gray
61.6	721.1	Shale Gray
62.8	719.9	Shale Sandy Gray
63.1	719.6	Shale Brown
64.3	718.4	Shale Gray
65.5	717.2	Shale Green
67.7	715.0	Shale Sandy Gray
69.5	713.2	Shale & Coal Soft Brown
71.0	711.7	Shale Sandy Gray
71.9	710.8	Shale Green
73.2	709.6	Shale Sandy Gray
74.4	708.3	Shale Gray

Laboratory: **22 Dec 83**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>1240</b>	SAR	Nickel
TDS	<b>754.0</b>	TKN	Selenium
Sodium	<b>192.97</b>	Nitrate	Strontium
Potassium	<b>2.35</b>	Nitrite	Molybdenum
Calcium	<b>70.94</b>	TN	Vanadium
Magnesium	<b>11.07</b>	TC	Zinc
Carbonate	<b>9.00</b>	DIC	Hydroxide
Bicarbonate	<b>503.94</b>	Arsenic	Total Hardness <b>223.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>218.06</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.98</b>
Fluoride	<b>0.12</b>	Chromium	Amm. Nitrogen
Iron	<b>0.18</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>429.0</b>
Silica	<b>11.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27



**NE 12-054-01 W5M**

Well Number **08469**

Well Owner: **Daechsel, Ed**

Elevation (AMSL) (m): **782**

AEP: **397134**

Drilling Contractor: **D&D Water Well Drilling & Services**

Licence No.:

Easting: **65,825.49**

Date Started: **07 Sep 94**

Northing: **5,943,027.00**

Date Completed: **08 Sep 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **35.0** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **31.7** Bottom (m): **31.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Bentonite Chips/Tabl**  
 from (m): to **29.6**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material: **St**  
 OD (mm): **1.5**  
 from (m): **31.7** to **33.2** Size: **0.01**  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **33.2**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **29.3** Drawdown (m): **6.4**  
 Rec'd intake (m): **31.1** Rec'd Rate (lpm): **13.7**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
8.2	774.0	Clay Sandy Yellow
29.6	752.7	Clay Blue
33.5	748.7	Sand & Gravel
35.0	747.2	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 12-054-01 W5M**

Well Number **08470**

Well Owner: **Duechsel, Jim**  
 Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Elevation (AMSL) (m): **782**  
 Licence No.:  
 Date Started:  
 Date Completed: **12 Oct 68**  
 AEP: **444598**  
 Easting: **65,825.49**  
 Northing: **5,943,027.00**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **82.6** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **63.4** Bottom (m): **63.4**  
 OD (mm): **101.6** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Mcdougall** Intake (m):

**Testing:**  
 Rate (lpm): **13.7** Time (minute): **570.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.1	772.2	Clay Yellow
30.5	751.8	Clay Blue
35.4	746.9	Gravel
37.2	745.1	Clay Blue
45.7	736.5	Shale Green
46.9	735.3	Shale Brown
54.3	728.0	Shale Green
58.5	723.7	Shale Dark Gray
58.8	723.4	Coal
60.4	721.9	Shale Brown
64.0	718.3	Shale Green
68.6	713.7	Shale Gray
70.7	711.5	Sand & Shale Gray
73.2	709.1	Shale & Sandstone Hard
78.9	703.3	Sand & Shale Water Bearing Gra
80.8	701.5	Shale & Coal Brown
82.6	699.7	Shale Gray

Laboratory: **19 Nov 68**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>662.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>396.00</b>
Aluminum	Barium	Manganese
Sulphate <b>191.16</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride <b>0.14</b>	Chromium	Amm. Nitrogen
Iron <b>2.48</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>445.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-054-01 W5M**

Well Number **08471**

Well Owner: **Packer, Gail**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **444595**  
 Easting: **65,799.81**  
 Northing: **5,942,557.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>	<b>(BGL) (AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
<b>(No Lithologic Information Available)</b>		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 12-054-01 W5M**

Well Number **08472**

Well Owner: **Robinson, Keith**

Elevation (AMSL) (m): **775**

AEP: **444588**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,799.81**

Date Started:

Northing: **5,942,557.50**

Date Completed: **24 Jul 71**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **33.5** (m)  
 NPWL (m): **20.7** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Cement/Grout**  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material: **St**  
 OD (mm): **1.4**  
 from (m): **30.8** to **32.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Jet**  
 Model: **Mcdougall** Intake (m):

**Testing:**  
 Rate (lpm): **91.2** Time (minute): **480.0**  
 Level End (m): **29.3** Drawdown (m): **8.5**  
 Rec'd intake (m): **22.9** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.7	767.8	Clay Yellow
8.8	765.7	Clay Blue
21.3	753.2	Clay Sandy
22.3	752.3	Sand & Coal Fine Grained
29.0	745.6	Clay
33.5	741.0	Sand

Laboratory:		<b>06 May 76</b>	
pH (pH unit)	<b>7.50</b>	COD	Mercury
Cond. (µS/cm)	<b>800.0</b>	SAR	Nickel
TDS	<b>517.0</b>	TKN	Selenium
Sodium	<b>11.04</b>	Nitrate	Strontium
Potassium	<b>3.91</b>	Nitrite	Molybdenum
Calcium	<b>118.04</b>	TN	Vanadium
Magnesium	<b>35.02</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>525.91</b>	Arsenic	Total Hardness <b>442.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>88.86</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.89</b>
Fluoride	<b>0.25</b>	Chromium	Amm. Nitrogen
Iron	<b>0.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>432.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 12-054-01 W5M**

Well Number **08473**

Well Owner: **Robinson, Keith**

Elevation (AMSL) (m): **775**

AEP: **444591**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **65,799.81**

Date Started: **08 Apr 86**

Northing: **5,942,557.50**

Date Completed: **09 Apr 86**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Plastic**  
 Depth (m): **30.8** Bottom (m): **30.8**  
 OD (mm): **127.0** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material: **St**  
 OD (mm): **0.9**  
 from (m): **30.8** to **32.0** Size: **0.01**  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **24.4**

**Testing:**

Rate (lpm): **91.2** Time (minute): **420.0**  
 Level End (m): **24.4** Drawdown (m): **12.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
13.1	761.4	Clay Yellow
18.9	755.6	Clay Blue
31.7	742.8	Sand & Coal
36.6	738.0	Clay Blue

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 04-054-06 W5M**

Well Number **10678**

Well Owner: **Randak, Frank**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447910**  
 Easting: **12,181.42**  
 Northing: **5,940,117.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **22 Jan 73**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>2300</b>	SAR	Nickel
TDS <b>1535</b>	TKN <b>0.01</b>	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>24.05</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>66.00</b>
Aluminum	Barium	Manganese
Sulphate <b>402.01</b>	Beryllium	Phosphate
Chloride <b>2.13</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>1.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>749.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-05-054-06 W5M

Well Number 10679

Well Owner: **Larsen, Fred**

Elevation (AMSL) (m): **758**

AEP: **447915**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **9,268.68**

Date Started: **07 Oct 82**

Northing: **5,939,979.00**

Date Completed: **10 Oct 82**

**General:**

Type of Work: **New Well**  
Drilling Method: **Bored**  
Well Use: **Domestic & Stock**  
Completed Depth **22.6** (m)  
NPWL (m): **11.9** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Galvanized Steel**  
Depth (m): **22.6** Bottom (m): **22.6**  
OD (mm): **635.0** Thickness (mm): **0.0**  
Seal Type: **Puddled Clay**  
from (m): to **3.1**

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **19.8**

**Testing:**

Rate (lpm): **20.5** Time (minute): **60.0**  
Level End (m): **19.8** Drawdown (m): **7.9**  
Rec'd intake (m): **19.8** Rec'd Rate (lpm): **18.2**

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
14.6	743.8	Clay Blue
14.9	743.5	Clay & Sand
17.4	741.1	Clay Blue
17.7	740.8	Sand & Gravel
19.5	738.9	Shale
20.4	738.0	Sandstone & Coal Shaly
22.6	735.9	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
Gamma Log: **No** Storativity:  
Aquifer Test: **No**  
Project: Database: **1.000H**  
AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 05-054-06 W5M**

Well Number **10680**

Well Owner: **Mattoon, Larry**

Elevation (AMSL) (m): **778**

AEP: **397230**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **9,751.43**

Date Started: **05 Apr 94**

Northing: **5,941,356.00**

Date Completed: **06 Apr 94**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **65.2** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **24.7** Bottom (m): **24.7**  
 OD (mm): **152.4** Thickness (mm): **0.1**  
 Seal Type: **Formation Seal**  
 from (m): to **24.7**  
**Liner:**  
 Type:  
 OD (mm): **127.0** Thickness (mm): **0.1**  
 Top (m): **23.2** Bottom (m): **64.3**  
 Perforated How: **Saw**  
 from (m): **24.7** to **64.3** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jac 5s4513p.S2** Intake (m): **42.7**  
**Testing:**  
 Rate (lpm): **31.9** Time (minute): **120.0**  
 Level End (m): **36.6** Drawdown (m): **9.1**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **31.9**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
6.7	771.6	Clay Yellow
12.2	766.1	Clay Blue
21.3	757.0	Clay Yellow
23.8	754.5	Gravel
26.2	752.1	Shale Green
28.0	750.2	Shale Sandy Gray
29.3	749.0	Shale Gray
30.2	748.1	Shale & Coal Soft Brown
30.8	747.5	Shale Gray
37.2	741.1	Coal
39.6	738.7	Shale Gray
40.5	737.7	Shale Sandy Gray
41.8	736.5	Shale Gray
43.9	734.4	Shale Sandy Gray
44.8	733.5	Shale Brittle Gray
46.6	731.7	Coal
49.7	728.6	Shale Gray
61.6	716.7	Shale Sandy Gray
62.5	715.8	Shale & Coal Brown
65.2	713.1	Shale Greenish Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27



**SE 05-054-06 W5M**

Well Number **10681**

Well Owner: **Craddock, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **769**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447911**  
 Easting: **10,037.53**  
 Northing: **5,939,865.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Stock**  
 Completed Depth **18.3** (m)  
 NPWL (m): **7.6** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Wood**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **31 Mar 69**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1042</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>647.00</b>
Aluminum	Barium	Manganese
Sulphate <b>278.09</b>	Beryllium	Phosphate
Chloride <b>24.11</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.92</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>524.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 05-054-06 W5M**

Well Number **10682**

Well Owner: **Maerz, Ralph**

Elevation (AMSL) (m): **769**

AEP: **447913**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **10,037.53**

Date Started: **01 Dec 88**

Northing: **5,939,865.50**

Date Completed: **01 Dec 88**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **57.3** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **23.2** Bottom (m): **23.2**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **23.2**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **20.7** Bottom (m): **57.3**  
 Perforated How: **Machine**  
 from (m): **39.0** to **57.3** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **48.8** Drawdown (m): **22.9**  
 Rec'd intake (m): **51.8** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
11.0	758.2	Clay
14.3	754.8	Gravel
16.5	752.7	Shale Green
19.8	749.4	Gravel
22.6	746.6	Shale Brown
35.4	733.8	Shale Green
37.8	731.4	Shale Gray
40.2	728.9	Shale & Sandstone Gray
43.0	726.2	Coal
46.9	722.2	Shale Dark Gray
48.8	720.4	Coal
50.0	719.2	Shale Gray
52.1	717.0	Sand Gray
53.0	716.1	Sandstone Gray
55.2	714.0	Sand Gray
57.3	711.9	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 05-054-06 W5M**

Well Number **10683**

Well Owner: **Larsen, Fred**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **449142**  
 Easting: **9,270.66**  
 Northing: **5,940,024.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **01 Feb 84**

pH (pH unit) <b>8.30</b>	COD	Mercury
Cond. (µS/cm) <b>1895</b>	SAR	Nickel
TDS <b>1288</b>	TKN	Selenium
Sodium <b>454.94</b>	Nitrate	Strontium
Potassium <b>2.35</b>	Nitrite	Molybdenum
Calcium <b>40.08</b>	TN	Vanadium
Magnesium <b>4.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>880.98</b>	Arsenic	Total Hardness <b>121.00</b>
Aluminum	Barium	Manganese
Sulphate <b>350.14</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>0.94</b>	Chromium	Amm. Nitrogen
Iron <b>0.35</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>723.0</b>
Silica <b>19.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 05-054-06 W5M**

Well Number **10684**

Well Owner: **Storms, R.B.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447914**  
 Easting: **9,270.66**  
 Northing: **5,940,024.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **18.9** (m)  
 NPWL (m): **9.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:		<b>11 Oct 74</b>	
pH (pH unit)	<b>7.60</b>	COD	Mercury
Cond. (µS/cm)	<b>2100</b>	SAR	Nickel
TDS	<b>1177</b>	TKN	Selenium
Sodium	<b>368.92</b>	Nitrate	Strontium
Potassium	<b>2.74</b>	Nitrite	Molybdenum
Calcium	<b>45.09</b>	TN	Vanadium
Magnesium	<b>14.96</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>685.75</b>	Arsenic	Total Hardness <b>177.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>395.77</b>	Beryllium	Phosphate
Chloride	<b>4.96</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride	<b>0.76</b>	Chromium	Amm. Nitrogen
Iron	<b>0.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>562.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

06-06-054-06 W5M

Well Number 10685

Well Owner: **Imperial Oil #W2**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **776**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447920**  
 Easting: **8,215.15**  
 Northing: **5,940,205.56**

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **93.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 06-054-06 W5M**

Well Number **10686**

Well Owner: **Christensen, Esten R.**

Elevation (AMSL) (m): **764**

AEP: **447921**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **8,908.59**

Date Started:

Northing: **5,940,712.00**

Date Completed:

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **64.0** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **24 Apr 79**

pH (pH unit) <b>8.50</b>	COD	Mercury
Cond. (µS/cm) <b>1424</b>	SAR	Nickel
TDS <b>870.0</b>	TKN	Selenium
Sodium <b>362.02</b>	Nitrate	Strontium
Potassium <b>0.78</b>	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>5.10</b>	DIC	Hydroxide
Bicarbonate <b>998.12</b>	Arsenic	Total Hardness <b>9.00</b>
Aluminum	Barium	Manganese
Sulphate <b>7.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.95</b>
Fluoride <b>1.12</b>	Chromium	Amm. Nitrogen
Iron <b>1.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>827.0</b>
Silica <b>8.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SE 06-054-06 W5M**

Well Number **10687**

Well Owner: **Shrigley, Archie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **760**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447917**  
 Easting: **9,035.15**  
 Northing: **5,939,929.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **50.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **05 Jul 82**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>2270</b>	SAR	Nickel
TDS <b>1352</b>	TKN	Selenium
Sodium <b>454.94</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>21.04</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>8.10</b>	DIC	Hydroxide
Bicarbonate <b>903.56</b>	Arsenic	Total Hardness <b>52.00</b>
Aluminum	Barium	Manganese
Sulphate <b>419.78</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>0.88</b>
Fluoride <b>0.39</b>	Chromium	Amm. Nitrogen
Iron <b>1.82</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>755.0</b>
Silica <b>14.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 06-054-06 W5M**

Well Number **10688**

Well Owner: **Strangway, Dean**

Elevation (AMSL) (m): **770**

AEP: **447918**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,290.25**

Date Started:

Northing: **5,940,334.00**

Date Completed: **01 Jan 68**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **73.2** (m)  
 NPWL (m): **29.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **53.3** Bottom (m): **53.3**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **18.2** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
12.2	758.2	Clay
15.2	755.2	Sand Brown
24.4	746.0	Sand & Shale Brown
39.6	730.8	Shale Gray
42.7	727.7	Shale & Coal
47.2	723.2	Sandstone Gray
48.8	721.6	Shale Gray
51.8	718.6	Shale Dark
57.9	712.5	Shale Gray
61.0	709.4	Sand & Shale Gray
64.0	706.4	Shale Gray
73.2	697.3	Sand & Shale

Laboratory:			<b>23 Feb 68</b>
pH (pH unit)	COD	Mercury	
Cond. (µS/cm)	SAR	Nickel	
TDS <b>1808</b>	TKN	Selenium	
Sodium	Nitrate	Strontium	
Potassium	Nitrite	Molybdenum	
Calcium	TN	Vanadium	
Magnesium	TC	Zinc	
Carbonate	DIC	Hydroxide	
Bicarbonate	Arsenic	Total Hardness <b>171.00</b>	
Aluminum	Barium	Manganese	
Sulphate <b>626.79</b>	Beryllium	Phosphate	
Chloride <b>9.93</b>	Cadium	Ion Balance	
Fluoride <b>0.30</b>	Chromium	Amm. Nitrogen	
Iron <b>3.38</b>	Cobalt	Total Phosphate	
TOC	Copper	Total Alkalinity <b>610.0</b>	
Silica	Lead	Nitrate&Nitrite N	

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



02-07-054-06 W5M

Well Number 10689

Well Owner: **Ringland, Ed**

Elevation (AMSL) (m): **770**

AEP: **447926**

Drilling Contractor: **L&C Drlg**

Licence No.:

Easting: **8,606.17**

Date Started: **25 Aug 78**

Northing: **5,941,434.50**

Date Completed: **30 Aug 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth **60.0** (m)  
 NPWL (m): **24.4** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **56.1** Bottom (m): **56.1**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): **26.5** to **56.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Hand**

Model: Intake (m): **27.4**

**Testing:**

Rate (lpm): **22.8** Time (minute): **720.0**  
 Level End (m): **27.4** Drawdown (m): **3.1**  
 Rec'd intake (m): **38.4** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
4.6	765.1	Clay & Rocks
12.2	757.5	Gravel
18.3	751.4	Clay
36.6	733.1	Shale Gray
40.2	729.4	Coal
49.7	720.0	Shale Brown
51.2	718.5	Coal
57.9	711.8	Sand Water Bearing
60.0	709.6	Shale Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 07-054-06 W5M**

Well Number **10690**

Well Owner: **Boyson, Dwight**

Elevation (AMSL) (m): **770**

AEP: **350798**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,820.02**

Date Started: **14 Mar 90**

Northing: **5,941,623.50**

Date Completed: **14 Mar 90**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **51.2** (m)  
 NPWL (m): **23.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **29.6** Bottom (m): **29.6**  
 OD (mm): **177.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **29.6**

**Liner:**

Type:  
 OD (mm): **139.7** Thickness (mm): **0.1**  
 Top (m): **26.2** Bottom (m): **51.2**  
 Perforated How: **Machine**  
 from (m): **29.6** to **51.2** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **36.6**

**Testing:**

Rate (lpm): **36.5** Time (minute): **120.0**  
 Level End (m): **32.0** Drawdown (m): **8.2**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.9	765.2			Clay Sandy Brown
26.2	743.9			Clay Gray
32.0	738.1			Shale Green
33.2	736.9			Shale Sandy Gray
33.8	736.3			Shale Gray
36.3	733.8			Coal
41.5	728.6			Coal
43.0	727.1			Shale Gray
43.9	726.2			Sandstone Gray
44.5	725.6			Shale Gray
46.9	723.2			Sand Gray
47.6	722.5			Shale Gray
49.4	720.7			Coal
50.3	719.8			Shale Gray
51.2	718.9			Shale Sandy Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-06 W5M**

Well Number **10691**

Well Owner: **Boyson, Dwight**

Elevation (AMSL) (m): **770**

AEP: **447931**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,820.02**

Date Started: **14 Dec 87**

Northing: **5,941,623.50**

Date Completed: **15 Dec 87**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **106.1** (m)  
 NPWL (m): **27.4** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Plastic**  
 Depth (m): **42.1** Bottom (m): **42.1**  
 OD (mm): **139.7** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **42.1**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **40.8** Bottom (m): **106.1**  
 Perforated How: **Machine**  
 from (m): **51.8** to **57.9** Size:  
 from (m): **69.5** to **94.5** Size:  
 from (m): **103.0** to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **70.1**  
**Testing:**  
 Rate (lpm): **11.4** Time (minute): **360.0**  
 Level End (m): **70.1** Drawdown (m): **42.7**  
 Rec'd intake (m): **73.2** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
10.7	759.4	Clay
12.2	757.9	Sand Loose
27.4	742.7	Sand
31.4	738.7	Shale Brown
35.0	735.0	Shale Gray
43.0	727.1	Shale & Coal
53.6	716.5	Shale Dark Gray
59.1	711.0	Sand & Shale Fine Grained
73.2	696.9	Shale Dark Gray
80.8	689.3	Sand Gray
85.0	685.1	Sand & Sandstone Gray
87.2	682.9	Sand & Shale Gray
90.5	679.6	Shale Green
91.1	679.0	Sandstone Green
97.8	672.3	Shale Dark Gray
101.2	668.9	Shale Light Green
104.9	665.2	Sand Fine Grained Gray
106.1	664.0	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-06 W5M**

Well Number **10692**

Well Owner: **June, Cecil**

Elevation (AMSL) (m): **770**

AEP: **449099**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,820.02**

Date Started:

Northing: **5,941,623.50**

Date Completed: **01 Feb 71**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **41.2** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **41.2** Bottom (m): **41.2**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **22.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
24.4	745.7			Clay
30.5	739.6			Shale Blue
36.6	733.5			Coal
39.6	730.5			Sand Brown
41.2	728.9			Shale Gray

Laboratory:

**05 Jan 78**

pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>3130</b>	SAR	Nickel
TDS	<b>2219</b>	TKN	Selenium
Sodium	<b>594.09</b>	Nitrate	Strontium
Potassium	<b>5.08</b>	Nitrite	Molybdenum
Calcium	<b>164.93</b>	TN	Vanadium
Magnesium	<b>22.98</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>699.17</b>	Arsenic	Total Hardness <b>509.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>1086.92</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.06</b>
Fluoride	<b>0.25</b>	Chromium	Amm. Nitrogen
Iron	<b>5.21</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>574.0</b>
Silica	<b>10.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-06 W5M**

Well Number **10693**

Well Owner: **June, Cecil**

Elevation (AMSL) (m): **770**

AEP: **447925**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **8,820.02**

Date Started:

Northing: **5,941,623.50**

Date Completed: **31 Jan 68**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **82.3** (m)  
 NPWL (m): **2.4** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **47.2** Bottom (m): **47.2**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Working Barrel**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): **22.8** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
27.4	742.7	Clay
30.5	739.6	Shale Brown
33.5	736.6	Shale
36.6	733.5	Shale & Coal
42.7	727.4	Shale Dark
45.7	724.4	Shale Soft Dark
54.9	715.2	Shale Gray
61.0	709.1	Sand & Shale Gray
64.0	706.1	Sand & Shale Dark
73.2	696.9	Shale Dark Gray
82.3	687.8	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 07-054-06 W5M**

Well Number **10694**

Well Owner: **June, Cecil**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447922**  
 Easting: **8,820.02**  
 Northing: **5,941,623.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **12 Sep 69**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS <b>1026</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>221.00</b>
Aluminum	Barium	Manganese
Sulphate <b>110.95</b>	Beryllium	Phosphate
Chloride <b>3.90</b>	Cadium	Ion Balance
Fluoride <b>1.19</b>	Chromium	Amm. Nitrogen
Iron <b>0.41</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>834.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

04-08-054-06 W5M

Well Number 10695

Well Owner: **Brown, John**

Elevation (AMSL) (m): **777**

AEP: **447935**

Drilling Contractor: *Other*

Licence No.:

Easting: **9,428.06**

Date Started:

Northing: **5,941,422.50**

Date Completed: **07 Jul 73**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): **25.3** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Concrete**  
 Depth (m): **28.7** Bottom (m): **28.7**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): **101.6** Thickness (mm):  
 Top (m): **27.4** Bottom (m): **54.9**  
 Perforated How:  
 from (m): **28.7** to **54.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute): **2400.0**  
 Level End (m): **33.5** Drawdown (m): **8.2**  
 Rec'd intake (m): **42.7** Rec'd Rate (lpm): **13.7**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

14.0	762.5	Clay & Rocks	Blue
18.9	757.6	Sandstone	
21.3	755.2	Clay	Blue
22.6	754.0	Gravel & Boulders	White
22.9	753.6	Shale	Brown
23.8	752.7	Shale	Soft Blue
26.8	749.7	Shale	Blue
27.4	749.1	Shale	Sandy Gray
29.6	746.9	Shale	Gray
30.8	745.7	Coal	
31.4	745.1	Shale	Blue
36.3	740.2	Coal	Hard
40.5	736.0	Shale	Gray
42.1	734.4	Shale	Sandy Gray
43.6	732.9	Shale	Gray
45.1	731.4	Coal	
46.0	730.5	Shale	Gray
46.3	730.2	Rocks	Gray
54.9	721.6	Shale	Sandy Gray

Laboratory:

**20 Aug 73**

pH (pH unit)	<b>8.00</b>	COD	Mercury
Cond. (µS/cm)	<b>1300</b>	SAR	Nickel
TDS	<b>999.0</b>	TKN	Selenium
Sodium	<b>175.03</b>	Nitrate	Strontium
Potassium	<b>3.52</b>	Nitrite	Molybdenum
Calcium	<b>166.93</b>	TN	Vanadium
Magnesium	<b>9.00</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>693.07</b>	Arsenic	Total Hardness <b>454.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>297.79</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>0.27</b>	Chromium	Amm. Nitrogen
Iron	<b>1.40</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>568.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**SE 08-054-06 W5M**

Well Number **10696**

Well Owner: **Urban, Dennis**

Elevation (AMSL) (m): **781**

AEP: **418252**

Drilling Contractor: *McGinn, Gerald Drilling Ltd.*

Licence No.:

Easting: **10,047.41**

Date Started: **11 Feb 82**

Northing: **5,941,652.00**

Date Completed: **18 Sep 95**

**General:**  
 Type of Work: **Deepened**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **74.4** (m)  
 NPWL (m): **30.5** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **30.5** Bottom (m): **30.5**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to **30.5**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **29.6** Bottom (m): **74.4**  
 Perforated How: **Torch**  
 from (m): **29.6** to **74.4** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: **S0641 Valley** Intake (m): **48.8**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **39.6** Drawdown (m): **9.1**  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>			
<b>(BGL)</b>	<b>(AMSL)</b>		<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>		
7.3	773.7		Clay Yellow
21.0	759.9		Clay Blue
25.0	756.0		Clay Yellow
26.5	754.4		Gravel
29.9	751.1		Unknown Soft Light Gray
33.8	747.1		Shale Dark Gray
34.4	746.5		Shale & Coal Brown
41.5	739.5		Coal
43.6	737.4		Shale Dark Gray
44.8	736.2		Shale Sandy Gray
47.6	733.4		Shale Dark Gray
50.3	730.7		Coal
51.2	729.8		Shale Gray
51.5	729.5		Old Well
52.4	728.5		Shale Gray
54.9	726.1		Sandstone
57.9	723.1		Shale Gray
59.4	721.5		Sandstone
63.1	717.9		Shale Gray
64.9	716.0		Coal
66.8	714.2		Shale Gray
70.1	710.9		Shale Sandy Gray
74.4	706.6		Shale Gray

Laboratory:		<b>31 May 82</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1651</b>	SAR	Nickel
TDS	<b>1092</b>	TKN	Selenium
Sodium	<b>255.99</b>	Nitrate	Strontium
Potassium	<b>3.13</b>	Nitrite	Molybdenum
Calcium	<b>116.03</b>	TN	Vanadium
Magnesium	<b>17.02</b>	TC	Zinc
Carbonate	<b>15.00</b>	DIC	Hydroxide
Bicarbonate	<b>704.67</b>	Arsenic	Total Hardness <b>360.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>334.77</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.31</b>	Chromium	Amm. Nitrogen
Iron	<b>0.61</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>604.0</b>
Silica	<b>13.20</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27



**SW 16-054-06 W5M**

Well Number **10700**

Well Owner: **Rose, Don**

Elevation (AMSL) (m): **766**

AEP: **447946**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **11,228.82**

Date Started:

Northing: **5,943,677.00**

Date Completed: **10 Jul 80**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **61.0** (m)  
 NPWL (m): **17.1** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **44.5** Bottom (m): **44.5**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.5**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: **Jacuzzi** Intake (m): **21.9**  
**Testing:**  
 Rate (lpm): **38.8** Time (minute): **1200.0**  
 Level End (m): **21.9** Drawdown (m): **4.9**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	755.9	Clay Blue
10.7	755.6	Sand Yellow
15.2	751.0	Clay Blue
16.8	749.5	Clay Gravelly
29.6	736.7	Clay Blue
30.2	736.1	Coal Hard
42.1	724.2	Shale Gray
42.7	723.6	Shale Blue
61.0	705.3	Sandstone & Coal Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

03-17-054-06 W5M

Well Number 10701

Well Owner: **Christenson, Roy**

Elevation (AMSL) (m): **775**

AEP: **447952**

Drilling Contractor: *Darragh Lee*

Licence No.:

Easting: **9,784.93**

Date Started: **18 May 78**

Northing: **5,943,213.00**

Date Completed: **28 May 78**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **79.2** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **48.2** Bottom (m): **48.2**  
 OD (mm): **115.8** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **47.6** to **48.2**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m): **42.7**

**Testing:**

Rate (lpm): **9.1** Time (minute): **180.0**  
 Level End (m): **42.7** Drawdown (m): **27.4**  
 Rec'd intake (m): **47.2** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
2.4	772.6	Clay & Rocks
7.6	767.4	Sand
19.8	755.2	Clay & Rocks Sandy
23.8	751.2	Clay & Coal Blue
26.8	748.2	Clay & Rocks Blue
35.0	740.0	Shale Blue
38.1	736.9	Shale Water Bearing
40.5	734.5	Shale Blue
45.7	729.3	Shale & Coal Brown
54.9	720.1	Shale Water Bearing
68.6	706.4	Shale Blue
70.1	704.9	Shale Brown
76.2	698.8	Soapstone
78.3	696.7	Shale Water Bearing
79.2	695.8	Shale Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-054-06 W5M**

Well Number **10702**

Well Owner: **Sullivan, Danny**

Elevation (AMSL) (m): **764**

AEP: **449100**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **9,240.78**

Date Started:

Northing: **5,944,173.00**

Date Completed: **01 Jul 81**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **43.6** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **67.1**

**Liner:**

Type:  
 OD (mm): **90.4** Thickness (mm):  
 Top (m): Bottom (m): **109.7**  
 Perforated How: **Torch**  
 from (m): **67.1** to **109.7** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **59.1**

**Testing:**

Rate (lpm): **27.4** Time (minute): **480.0**  
 Level End (m): **59.1** Drawdown (m): **14.9**  
 Rec'd intake (m): **62.8** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

24.1	740.3	Clay & Rocks
24.4	740.0	Sand
29.9	734.5	Clay
30.8	733.6	Shale Shattered Blue
32.9	731.5	Shale Gray
34.8	729.6	Shale & Coal
36.0	728.4	Shale Brownish Gray
57.3	707.1	Sandstone Silty Gray
68.9	695.5	Shale Gray
70.7	693.7	Sandstone Gray
79.2	685.2	Shale Gray
80.8	683.6	Sandstone Gray
82.3	682.1	Shale Brownish Gray
99.7	664.7	Shale & Sandstone
100.0	664.4	Coal
102.1	662.3	Shale
109.7	654.7	Sandstone Water Bearing Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-054-06 W5M**

Well Number **10703**

Well Owner: **Thompson, Morley**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447956**  
 Easting: **9,240.78**  
 Northing: **5,944,173.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Bored**  
 Well Use: **Domestic**  
 Completed Depth **24.4** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **25 May 77**

pH (pH unit) <b>7.90</b>	COD	Mercury
Cond. (µS/cm) <b>1660</b>	SAR	Nickel
TDS <b>1053</b>	TKN	Selenium
Sodium <b>365.93</b>	Nitrate	Strontium
Potassium <b>3.52</b>	Nitrite	Molybdenum
Calcium <b>44.09</b>	TN	Vanadium
Magnesium <b>9.97</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>876.71</b>	Arsenic	Total Hardness <b>152.00</b>
Aluminum	Barium	Manganese
Sulphate <b>181.07</b>	Beryllium	Phosphate
Chloride <b>17.02</b>	Cadium	Ion Balance <b>1.02</b>
Fluoride <b>0.61</b>	Chromium	Amm. Nitrogen
Iron <b>2.00</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>719.0</b>
Silica <b>12.30</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Remarks:

Water Well Positioned by PFRA in 10TM NAD 27

**NW 17-054-06 W5M**

Well Number **10704**

Well Owner: **Thompson, Morley**

Elevation (AMSL) (m): **764**

AEP: **447958**

Drilling Contractor: *Clear Water Drilling Ltd.*

Licence No.:

Easting: **9,240.78**

Date Started:

Northing: **5,944,173.00**

Date Completed: **01 Aug 80**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **109.7** (m)  
 NPWL (m): **41.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **78.6** Bottom (m): **78.6**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **78.6**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **Jacuzzi** Intake (m): **47.9**

**Testing:**

Rate (lpm): **31.9** Time (minute): **1200.0**  
 Level End (m): **47.9** Drawdown (m): **6.1**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
6.7	757.7			Clay & Boulders
7.3	757.1			Sand Brown
24.4	740.0			Clay Blue
50.6	713.8			Shale & Sandstone Gray
54.9	709.5			Shale Blue
61.0	703.4			Shale & Coal Blue
79.2	685.2			Shale Crumbly Blue Gray
91.4	673.0			Sandstone Gray
109.7	654.7			Shale & Sandstone Gray

Laboratory:

**09 Oct 80**

pH (pH unit)	<b>8.80</b>	COD	Mercury
Cond. (µS/cm)	<b>993.0</b>	SAR	Nickel
TDS	<b>559.0</b>	TKN	Selenium
Sodium	<b>227.93</b>	Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>3.01</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate	<b>21.00</b>	DIC	Hydroxide
Bicarbonate	<b>516.14</b>	Arsenic	Total Hardness <b>8.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>10.09</b>	Beryllium	Phosphate
Chloride	<b>42.89</b>	Cadium	Ion Balance <b>0.95</b>
Fluoride	<b>1.92</b>	Chromium	Amm. Nitrogen
Iron	<b>0.14</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>458.0</b>
Silica	<b>7.70</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SE 17-054-06 W5M**

Well Number **10705**

Well Owner: **Walker, Allen**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **770**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447949**  
 Easting: **10,221.26**  
 Northing: **5,943,672.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): **18.3** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory:		<b>17 Aug 73</b>	
pH (pH unit)	<b>8.30</b>	COD	Mercury
Cond. (µS/cm)	<b>2450</b>	SAR	Nickel
TDS	<b>1722</b>	TKN	Selenium
Sodium	<b>638.94</b>	Nitrate	Strontium
Potassium	<b>1.96</b>	Nitrite	Molybdenum
Calcium	<b>17.03</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>758.96</b>	Arsenic	Total Hardness <b>47.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>681.07</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>1.07</b>
Fluoride	<b>1.05</b>	Chromium	Amm. Nitrogen
Iron	<b>1.50</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>623.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

**15-18-054-06 W5M**

Well Number **10706**

Well Owner: **Kelly, Frank**

Elevation (AMSL) (m): **761**

AEP: **447976**

Drilling Contractor: *Summer'S Drilling Ltd.*

Licence No.:

Easting: **8,504.86**

Date Started: **15 Oct 82**

Northing: **5,944,673.00**

Date Completed: **20 Oct 82**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **28.0** (m)  
 NPWL (m): **9.8** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **23.5** Bottom (m): **23.5**  
 OD (mm): **635.0** Thickness (mm): **0.0**  
 Seal Type: **Puddled Clay**  
 from (m): to **4.3**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **20.7**

**Testing:**  
 Rate (lpm): **11.4** Time (minute): **60.0**  
 Level End (m): **20.7** Drawdown (m): **11.0**  
 Rec'd intake (m): **19.8** Rec'd Rate (lpm): **9.1**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
2.4	759.0	Clay Brown
7.0	754.5	Clay Blue
7.3	754.2	Clay Sandy
12.2	749.3	Clay Blue
13.4	748.1	Clay Sandy
22.6	738.9	Clay Blue
27.4	734.1	Sand Fine Grained Brown
28.0	733.4	Clay Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

04-18-054-06 W5M

Well Number 10707

Well Owner: **Northern Geo Ltd #177**

Elevation (AMSL) (m): **769**

AEP: **447966**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **7,805.25**

Date Started: **30 Oct 84**

Northing: **5,943,031.09**

Date Completed: **27 Nov 84**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Unknown**  
 Completed Depth: **18.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **27 Nov 84**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



05-18-054-06 W5M

Well Number 10708

Well Owner: **Waddell, J.**

Elevation (AMSL) (m): **765**

AEP: **447963**

Drilling Contractor: *Mcwillis A*

Licence No.:

Easting: **7,817.01**

Date Started:

Northing: **5,943,449.00**

Date Completed: **18 May 62**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **48.8** (m)  
 NPWL (m): **16.8** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **39.9** Bottom (m): **39.9**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Stock**

Model: Intake (m):

**Testing:**

Rate (lpm): **13.7** Time (minute): **180.0**  
 Level End (m): **22.9** Drawdown (m): **6.1**  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
9.1	756.1	Clay
15.2	750.0	Clay & Sand
33.5	731.7	Sandstone
48.8	716.5	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

08-18-054-06 W5M

Well Number 10709

Well Owner: **Werner, John**

Elevation (AMSL) (m): **771**

AEP: **449102**

Drilling Contractor: *Mcwillis A*

Licence No.:

Easting: **9,031.44**

Date Started:

Northing: **5,943,426.00**

Date Completed: **29 Mar 62**

**General:**

Type of Work: **New Well**  
Drilling Method: **Rotary**  
Well Use: **Domestic**  
Completed Depth **24.4** (m)  
NPWL (m): **12.2** Verified NPWL (m):  
Abandonment:

**Casing:**

Type: **Steel**  
Depth (m): **18.3** Bottom (m): **18.3**  
OD (mm): **115.8** Thickness (mm):  
Seal Type:  
from (m): to

**Liner:**

Type:  
OD (mm): Thickness (mm):  
Top (m): Bottom (m):  
Perforated How:  
from (m): to Size:  
from (m): to Size:  
from (m): to Size:

**Screen:**

Material:  
OD (mm):  
from (m): to Size:  
from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute): **180.0**  
Level End (m): Drawdown (m):  
Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
7.6	763.1	Clay
12.2	758.5	Sandstone
24.4	746.3	Shale & Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

**NE 18-054-06 W5M**

Well Number **10710**

Well Owner: **Kelly, F.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **764**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **447974**  
 Easting: **9,065.15**  
 Northing: **5,944,336.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **102.1** (m)  
 NPWL (m): **42.7** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **15 Dec 70**

pH (pH unit) <b>9.00</b>	COD	Mercury
Cond. (µS/cm) <b>1100</b>	SAR	Nickel
TDS <b>800.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>4.01</b>	TN	Vanadium
Magnesium <b>7.05</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>40.00</b>
Aluminum	Barium	Manganese
Sulphate <b>14.89</b>	Beryllium	Phosphate
Chloride <b>137.90</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>480.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 18-054-06 W5M**

Well Number **10711**

Well Owner: **Kelly, Frank**

Elevation (AMSL) (m): **764**

AEP: **447981**

Drilling Contractor: *Western Drlg & Const*

Licence No.:

Easting: **9,065.15**

Date Started:

Northing: **5,944,336.00**

Date Completed: **01 Jun 71**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **100.6** (m)  
 NPWL (m): **48.8** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **86.0** Bottom (m): **86.0**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **600.0**  
 Level End (m): **73.2** Drawdown (m): **24.4**  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
18.3	745.8	Clay Blue
21.3	742.7	Clay Sandy
33.5	730.5	Sand Silty Brown
36.6	727.5	Sand Fine Grained Gray
42.7	721.4	Clay Sandy
85.3	678.7	Shale Mixed
87.5	676.6	Sand Gray
89.0	675.1	Limestone Sandy
89.9	674.2	Sand
93.9	670.2	Sand & Shale Mixed
96.6	667.5	Sand Blue
99.4	664.7	Shale Firm
100.6	663.5	Sand Fine Grained Blue

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log:	<b>No</b>	Transmissivity:	m <sup>2</sup> /day
Gamma Log:	<b>No</b>	Storativity:	
Aquifer Test:	<b>No</b>		
Project:		Database:	<b>1.000H</b>
AEP Data:	<b>Yes</b>	Well Field Verified:	<b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

01-19-054-06 W5M

Well Number 10712

Well Owner: **Boehm, E.**

Elevation (AMSL) (m): **756**

AEP: **447988**

Drilling Contractor: *Rocky Mountain Drilling Co.*

Licence No.:

Easting: **9,053.89**

Date Started: **20 Sep 79**

Northing: **5,944,932.00**

Date Completed: **24 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **103.6** (m)  
 NPWL (m): **21.3** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Galvanized Steel**  
 Depth (m): **56.7** Bottom (m): **56.7**  
 OD (mm): **114.3** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): **56.1** to **56.7**

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: Intake (m): **36.9**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **180.0**  
 Level End (m): **36.9** Drawdown (m): **15.5**  
 Rec'd intake (m): **51.2** Rec'd Rate (lpm): **22.8**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
2.7	752.8	Clay
3.1	752.5	Gravel
6.1	749.4	Clay
7.6	747.9	Gravel
15.2	740.3	Clay Blue
16.1	739.4	Gravel
45.7	709.8	Clay & Rocks Blue
53.3	702.2	Shale & Coal Brown
61.0	694.6	Siltstone Blue
76.2	679.3	Siltstone Gray
82.3	673.2	Siltstone Blue
94.5	661.0	Siltstone Gray
103.6	651.9	Shale & Siltstone Dark

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

15-19-054-06 W5M

Well Number 10713

Well Owner: **Central Dev Expl #416**

Elevation (AMSL) (m): **734**

AEP: **447994**

Licence No.:

Easting: **8,625.92**

Drilling Contractor: *Unknown Driller*

Date Started: **11 Mar 78**

Northing: **5,945,871.35**

Date Completed: **14 Mar 78**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **14 Mar 78**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm):    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**15-20-054-06 W5M**

Well Number **10714**

Well Owner: **Sperling, Gerald**

Elevation (AMSL) (m): **745**

AEP: **448106**

Drilling Contractor: *Sunshine Drilling Ltd.*

Licence No.:

Easting: **10,231.12**

Date Started: **27 Sep 84**

Northing: **5,946,197.00**

Date Completed: **01 Oct 84**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **97.5** (m)  
 NPWL (m): **45.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **38.4** Bottom (m): **38.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **38.4**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **36.6** Bottom (m): **67.1**  
 Perforated How: **Machine**  
 from (m): **38.4** to **67.1** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **15.2**  
 Rec'd intake (m): **63.4** Rec'd Rate (lpm): **22.8**

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

2.4	742.3	Clay	Brown
2.7	742.0	Rocks	
36.9	707.8	Sand & Rocks	Gray
43.3	701.4	Sandstone	Brown
46.6	698.1	Sandstone	Green
51.2	693.5	Sandstone	Gray
58.5	686.2	Sandstone	Green
60.4	684.4	Sandstone	Gray
61.9	682.8	Sandstone	Brown
64.6	680.1	Sandstone	Green
66.4	678.3	Sandstone	Gray
68.0	676.7	Sandstone	Brown
73.2	671.6	Sandstone	Green
79.2	665.5	Sandstone	Brown
82.3	662.4	Sandstone	Gray
84.1	660.6	Sandstone	Light Gray
85.3	659.4	Sandstone	Gray
86.6	658.1	Sandstone	Brown
90.2	654.5	Sandstone	Gray
92.7	652.1	Sandstone	Light Gray
93.9	650.8	Sandstone	Brown
96.9	647.8	Sandstone	Light Gray
97.5	647.2	Sandstone	Brown

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-054-06 W5M**

Well Number **10715**

Well Owner: **Elliott, J.**

Elevation (AMSL) (m): **744**

AEP: **448103**

Drilling Contractor: *Jalbert Enterprises*

Licence No.:

Easting: **10,219.79**

Date Started:

Northing: **5,946,165.00**

Date Completed: **23 May 61**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth: **76.2** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **115.8** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Cylinder**

Model: Intake (m):

**Testing:**

Rate (lpm): **18.2** Time (minute):  
 Level End (m): **34.8** Drawdown (m): **1.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

(BGL) (m)	(AMSL) (m)	Lithologic Description
39.6	704.5	Clay & Rocks Sandy
67.1	677.0	Shale
76.2	667.9	Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**



**NE 20-054-06 W5M**

Well Number **10716**

Well Owner: **Sperling, Gerald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448105**  
 Easting: **10,219.79**  
 Northing: **5,946,165.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **54.9** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **19 Mar 82**

pH (pH unit) <b>8.70</b>	COD	Mercury
Cond. (µS/cm) <b>1489</b>	SAR	Nickel
TDS <b>894.0</b>	TKN	Selenium
Sodium <b>388.01</b>	Nitrate	Strontium
Potassium <b>0.39</b>	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate <b>20.10</b>	DIC	Hydroxide
Bicarbonate <b>843.77</b>	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride <b>63.10</b>	Cadium	Ion Balance <b>1.03</b>
Fluoride <b>1.91</b>	Chromium	Amm. Nitrogen
Iron <b>0.10</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>726.0</b>
Silica <b>8.00</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 20-054-06 W5M**

Well Number **10717**

Well Owner: **Sperling, Gerald**

Elevation (AMSL) (m): **744**

AEP: **448107**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **10,219.79**

Date Started: **08 Mar 89**

Northing: **5,946,165.00**

Date Completed: **08 Mar 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Stock**  
 Completed Depth: **87.8** (m)  
 NPWL (m): **35.0** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **44.8** Bottom (m): **44.8**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **44.8**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **42.1** Bottom (m): **87.8**  
 Perforated How: **Machine**  
 from (m): **48.8** to **54.9** Size:  
 from (m): **61.0** to **87.8** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump: Sub**  
 Model: **Goulds** Intake (m): **70.1**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **70.1** Drawdown (m): **35.0**  
 Rec'd intake (m): **79.2** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
10.4	733.7	Clay & Sand Brown
35.4	708.7	Clay Gray
39.9	704.1	Clay & Boulders Gray
42.4	701.7	Shale Bentonitic
46.9	697.1	Shale Green
50.3	693.8	Shale Gray
51.5	692.6	Sandstone Fine Grained Gray
54.9	689.2	Shale Dark Gray
56.7	687.4	Shale Light Gray
58.2	685.9	Coal
61.3	682.8	Shale Green
62.2	681.9	Shale & Coal
64.6	679.5	Shale Gray
66.4	677.6	Sandstone Gray
68.9	675.2	Shale Gray
70.1	674.0	Coal
73.8	670.3	Shale Gray
77.4	666.7	Sand Bentonitic Gray
81.7	662.4	Sand & Sandstone Gray
86.6	657.5	Sand Gray
87.8	656.3	Shale Green

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NE 20-054-06 W5M**

Well Number **10718**

Well Owner: **Sperling, Gerald**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **744**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448104**  
 Easting: **10,219.79**  
 Northing: **5,946,165.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **91.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **22 Feb 72**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1070</b>	SAR	Nickel
TDS <b>780.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>2.00</b>	TN	Vanadium
Magnesium <b>4.99</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>26.00</b>
Aluminum	Barium	Manganese
Sulphate <b>11.05</b>	Beryllium	Phosphate
Chloride <b>74.09</b>	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron <b>0.30</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>605.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 20-054-06 W5M**

Well Number **10719**

Well Owner: **Campbell, G.**

Elevation (AMSL) (m): **750**

AEP: **447996**

Drilling Contractor: *McGinnis Robert*

Licence No.:

Easting: **9,470.77**

Date Started:

Northing: **5,945,146.00**

Date Completed: **01 Feb 76**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **86.9** (m)  
 NPWL (m): **32.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **67.1** Bottom (m): **67.1**  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): **66.1** to **67.1**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: Intake (m): **61.0**

**Testing:**

Rate (lpm): Time (minute): **2880.0**  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): **61.6** Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
5.2	744.8			Clay & Boulders Brown
24.4	725.6			Clay & Rocks Blue
27.4	722.6			Clay & Gravel Blue
30.5	719.5			Clay Blue
31.1	718.9			Sand & Gravel
52.4	697.6			Shale Brownish Gray
55.5	694.5			Shale Sandy Gray
75.6	674.4			Shale & Coal Sandy Gray
77.7	672.3			Shale Gray
86.9	663.1			Shale Sandy Brownish Gray

Laboratory: **10 Jun 86**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>900.0</b>	SAR	Nickel
TDS	<b>592.0</b>	TKN	Selenium
Sodium	<b>269.10</b>	Nitrate	Strontium
Potassium		Nitrite	Molybdenum
Calcium	<b>2.00</b>	TN	Vanadium
Magnesium		TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate		Arsenic	Total Hardness <b>5.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>1.44</b>	Beryllium	Phosphate
Chloride	<b>49.63</b>	Cadium	Ion Balance
Fluoride	<b>2.10</b>	Chromium	Amm. Nitrogen
Iron	<b>0.20</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>445.0</b>
Silica		Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**SW 20-054-06 W5M**

Well Number **10720**

Well Owner: **Mabbott, Jim**

Elevation (AMSL) (m): **750**

AEP: **447998**

Drilling Contractor: *Morrill'S Water Well Drilling Ltd.*

Licence No.:

Easting: **9,470.77**

Date Started: **05 Sep 89**

Northing: **5,945,146.00**

Date Completed: **06 Sep 89**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **87.8** (m)  
 NPWL (m): **22.9** Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Steel**  
 Depth (m): **42.4** Bottom (m): **42.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **42.4**

**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **39.0** Bottom (m): **87.8**  
 Perforated How: **Machine**  
 from (m): **51.2** to **57.3** Size:  
 from (m): **69.5** to **87.8** Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m): **61.0**

**Testing:**  
 Rate (lpm): **22.8** Time (minute): **120.0**  
 Level End (m): **61.0** Drawdown (m): **38.1**  
 Rec'd intake (m): **75.6** Rec'd Rate (lpm):

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
12.5	737.5	Clay & Boulders
14.3	735.7	Sand Brown
16.1	733.9	Clay
22.6	727.5	Sand & Gravel
25.0	725.0	Clay
28.7	721.4	Sand Brown
33.2	716.8	Clay Sandy
36.9	713.1	Sand Coarse Grained Brown
40.2	709.8	Clay
41.2	708.9	Shale Bentonitic Light Gray
43.9	706.1	Shale Green
47.6	702.5	Shale Gray
49.1	700.9	Coal
55.5	694.5	Shale Dark Gray
56.4	693.6	Sandstone Brownish Gray
58.5	691.5	Coal
61.3	688.7	Shale Gray
62.5	687.5	Shale Sandy Gray
68.3	681.7	Shale & Coal
75.6	674.4	Shale Sandy Gray
79.2	670.8	Sand Fine Grained Gray
85.0	665.0	Sand Gray
86.3	663.8	Sandstone Gray
87.8	662.2	Sand Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**13-28-054-06 W5M**

Well Number **10721**

Well Owner: **Roth, Al**

Elevation (AMSL) (m): **772**

AEP: **448108**

Drilling Contractor: *Other*

Licence No.:

Easting: **10,857.97**

Date Started:

Northing: **5,947,221.00**

Date Completed: **09 Jun 71**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **48.8** (m)  
 NPWL (m): **36.0** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Galvanized Steel**  
 Depth (m): **32.0** Bottom (m): **32.0**  
 OD (mm): **114.3** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): **31.1** to **32.0**

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Working Head**

Model: **Mcdougall** Intake (m):

**Testing:**

Rate (lpm): Time (minute): **2880.0**  
 Level End (m): **41.2** Drawdown (m): **5.2**  
 Rec'd intake (m): **45.7** Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**  
**(m) (m) Lithologic Description**

25.0 747.1 Clay & Rocks Blue  
 25.3 746.8 Sandrock Shaly Yellow  
 25.9 746.2 Shale Dark Gray  
 26.5 745.5 Coal Hard  
 28.4 743.7 Shale Sandy Gray  
 29.3 742.8 Shale Blue Gray  
 29.6 742.5 Coal Soft  
 31.4 740.7 Shale Blue  
 32.6 739.5 Shale Sandy Gray  
 33.5 738.5 Shale Hard Dark Gray  
 36.6 735.5 Shale Dark Gray  
 39.6 732.4 Shale & Rocks Dark Gray  
 39.9 732.1 Limestone  
 42.7 729.4 Shale Dark Gray  
 44.5 727.6 Shale & Rocks Dark Gray  
 44.8 727.3 Limestone Hard  
 48.8 723.3 Shale & Rocks Gray

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

12-29-054-06 W5M

Well Number 10722

Well Owner: #3556  
 Drilling Contractor: Unknown Driller

Elevation (AMSL) (m): 750  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: 448111  
 Easting: 9,409.35  
 Northing: 5,947,088.38

**General:**  
 Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **24.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

12-29-054-06 W5M

Well Number 10723

Well Owner: **Chevron Standard #613**

Elevation (AMSL) (m): **750**

AEP: **448112**

Drilling Contractor: *Other*

Licence No.:

Easting: **9,409.35**

Date Started: **05 Feb 76**

Northing: **5,947,088.38**

Date Completed: **11 Feb 76**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **22.9** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 11 Feb 76**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**



09-29-054-06 W5M

Well Number 10724

Well Owner: **Imperial Oil #W5**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **785**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448113**  
 Easting: **10,624.88**  
 Northing: **5,947,063.73**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **27.4** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

<b>Depth Elevation</b>		<b>Lithologic Description</b>
<b>(BGL)</b>	<b>(AMSL)</b>	
<b>(m)</b>	<b>(m)</b>	
22.9	762.3	Unknown
27.4	757.8	Coal

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 29-054-06 W5M**

Well Number **10725**

Well Owner: **Lymburner**

Elevation (AMSL) (m): **751**

AEP: **449103**

Drilling Contractor: **A/S Water Wells Ltd**

Licence No.:

Easting: **9,667.94**

Date Started:

Northing: **5,947,223.50**

Date Completed: **01 Nov 72**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Cable Tool**  
 Well Use: **Domestic**  
 Completed Depth **25.0** (m)  
 NPWL (m): **6.7** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **22.6** Bottom (m): **22.6**  
 OD (mm): **141.2** Thickness (mm):  
 Seal Type: **Driven**  
 from (m): to

**Liner:**

Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **45.6** Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
4.3	746.4			Clay
21.6	729.0			Sand & Coal
25.0	725.7			Sandstone

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 29-054-06 W5M**

Well Number **10726**

Well Owner: **Tegge, Gary**

Elevation (AMSL) (m): **751**

AEP: **448110**

Drilling Contractor: *Big Iron Drilling Ltd.*

Licence No.:

Easting: **9,667.94**

Date Started: **18 Dec 78**

Northing: **5,947,223.50**

Date Completed: **21 Dec 78**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **36.6** (m)  
 NPWL (m): **15.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **25.0** Bottom (m): **25.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven**  
 from (m): to **25.0**  
**Liner:**  
 Type:  
 OD (mm): **115.8** Thickness (mm):  
 Top (m): Bottom (m): **36.6**  
 Perforated How: **Torch**  
 from (m): **27.4** to **36.6** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **24.4**  
**Testing:**  
 Rate (lpm): Time (minute): **120.0**  
 Level End (m): **15.2** Drawdown (m):  
 Rec'd intake (m): **30.5** Rec'd Rate (lpm):

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
6.1	744.6	Clay & Rocks Sandy
15.9	734.8	Gravel
22.6	728.1	Clay Sandy
24.4	726.3	Sandstone Soft
29.9	720.8	Sandstone Hard Brown
31.4	719.3	Shale Gray
36.6	714.1	Sandstone Water Bearing White

<b>Laboratory:</b>			<b>22 Aug 79</b>
pH (pH unit)	<b>8.20</b>	COD	Mercury
Cond. (µS/cm)	<b>2090</b>	SAR	Nickel
TDS	<b>1310</b>	TKN	Selenium
Sodium	<b>500.02</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>11.02</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>1125.02</b>	Arsenic	Total Hardness <b>33.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>241.11</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance
Fluoride	<b>0.42</b>	Chromium	Amm. Nitrogen
Iron	<b>0.45</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>923.0</b>
Silica	<b>9.50</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**SW 29-054-06 W5M**

Well Number **10727**

Well Owner: **Mcmurphy, K.A.**

Elevation (AMSL) (m): **739**

AEP: **448109**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **9,626.96**

Date Started:

Northing: **5,946,466.66**

Date Completed:

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Unknown**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **13 Aug 75**

pH (pH unit) <b>8.20</b>	COD	Mercury
Cond. (µS/cm) <b>1900</b>	SAR	Nickel
TDS <b>1081</b>	TKN <b>0.06</b>	Selenium
Sodium <b>416.07</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>12.02</b>	TN	Vanadium
Magnesium <b>1.95</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>901.73</b>	Arsenic	Total Hardness <b>42.00</b>
Aluminum	Barium	Manganese
Sulphate <b>195.96</b>	Beryllium	Phosphate
Chloride <b>2.84</b>	Cadium	Ion Balance <b>0.99</b>
Fluoride <b>0.48</b>	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>740.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 30-054-06 W5M**

Well Number **10728**

Well Owner: **Craddock, R.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448114**  
 Easting: **8,983.57**  
 Northing: **5,947,382.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **21.3** (m)  
 NPWL (m): **.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **16 Jun 75**

pH (pH unit) <b>8.40</b>	COD	Mercury
Cond. (µS/cm) <b>1790</b>	SAR	Nickel
TDS <b>1197</b>	TKN	Selenium
Sodium <b>500.02</b>	Nitrate	Strontium
Potassium <b>1.56</b>	Nitrite	Molybdenum
Calcium <b>9.02</b>	TN	Vanadium
Magnesium <b>0.97</b>	TC	Zinc
Carbonate <b>24.00</b>	DIC	Hydroxide
Bicarbonate <b>926.74</b>	Arsenic	Total Hardness <b>29.00</b>
Aluminum	Barium	Manganese
Sulphate <b>199.80</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.10</b>
Fluoride <b>0.67</b>	Chromium	Amm. Nitrogen
Iron <b>0.40</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>800.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NE 30-054-06 W5M**

Well Number **10729**

Well Owner: **Craddock, R.S.**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **732**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448115**  
 Easting: **8,983.57**  
 Northing: **5,947,382.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **137.2** (m)  
 NPWL (m): **12.2** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **21 Feb 84**

pH (pH unit) <b>8.18</b>	COD	Mercury
Cond. (µS/cm) <b>1150</b>	SAR	Nickel
TDS <b>736.0</b>	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium <b>3.01</b>	TN	Vanadium
Magnesium <b>0.85</b>	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness <b>11.00</b>
Aluminum	Barium	Manganese
Sulphate <b>70.12</b>	Beryllium	Phosphate
Chloride <b>59.91</b>	Cadium	Ion Balance
Fluoride <b>2.50</b>	Chromium	Amm. Nitrogen
Iron <b>0.29</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>435.0</b>
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**14-31-054-06 W5M**

Well Number **10730**

Well Owner: **Anderson, F.**

Elevation (AMSL) (m): **726**

AEP: **448117**

Drilling Contractor: *Rocky Mountain Drilling Co.*

Licence No.:

Easting: **8,397.33**

Date Started: **22 Sep 79**

Northing: **5,948,994.00**

Date Completed: **24 Sep 79**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic**  
 Completed Depth **67.1** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **43.3** Bottom (m): **43.3**  
 OD (mm): **115.8** Thickness (mm): **0.0**  
 Seal Type: **Driven**  
 from (m): **42.7** to **43.3**  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump: Sub**  
 Model: Intake (m): **35.0**  
**Testing:**  
 Rate (lpm): **22.8** Time (minute): **240.0**  
 Level End (m): **35.0** Drawdown (m): **1.5**  
 Rec'd intake (m): **39.6** Rec'd Rate (lpm): **36.5**

<b>Depth Elevation</b>		
<b>(BGL)</b>	<b>(AMSL)</b>	<b>Lithologic Description</b>
<b>(m)</b>	<b>(m)</b>	
1.5	724.7	Clay
2.4	723.8	Sand & Rocks
6.1	720.2	Clay Yellow
24.4	701.9	Clay Blue
30.5	695.8	Shale Brown
39.6	686.6	Shale & Coal Brown
54.9	671.4	Shale Gray
57.9	668.3	Shale & Coal Brown
64.0	662.3	Shale Gray
67.1	659.2	Sand & Shale White

Laboratory:		<b>23 Nov 79</b>	
pH (pH unit)	<b>8.50</b>	COD	Mercury
Cond. (µS/cm)	<b>1992</b>	SAR	Nickel
TDS	<b>1221</b>	TKN	Selenium
Sodium	<b>491.05</b>	Nitrate	Strontium
Potassium	<b>1.17</b>	Nitrite	Molybdenum
Calcium	<b>7.01</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate	<b>21.00</b>	DIC	Hydroxide
Bicarbonate	<b>1299.51</b>	Arsenic	Total Hardness <b>25.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>56.20</b>	Beryllium	Phosphate
Chloride	<b>2.13</b>	Cadium	Ion Balance <b>0.94</b>
Fluoride	<b>0.83</b>	Chromium	Amm. Nitrogen
Iron	<b>2.46</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>1102</b>
Silica	<b>9.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by PFRA in 10TM NAD 27

10-31-054-06 W5M

Well Number 10731

Well Owner: **Burnett Exp Ltd #317**

Elevation (AMSL) (m): **725**

AEP: **448119**

Drilling Contractor: *Other*

Licence No.:

Easting: **8,602.31**

Date Started: **12 Feb 78**

Northing: **5,948,670.96**

Date Completed: **12 Feb 78**

**General:**

Type of Work: **Flowing Shot Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **18.3** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment: **Bassani Plug**                      **12 Feb 78**

**Casing:**

Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type:  
 from (m):                      to

**Liner:**

Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**

Material:  
 OD (mm):  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Open Hole:**

from (m):                      to

**Pump:**

Model:    Intake (m):

**Testing:**

Rate (lpm): **9.1**    Time (minute):  
 Level End (m):    Drawdown (m):  
 Rec'd intake (m):    Rec'd Rate (lpm):

**Depth Elevation  
 (BGL) (AMSL)  
 (m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:    Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



15-31-054-06 W5M

Well Number 10732

Well Owner: **Texaco Canada #363**

Elevation (AMSL) (m): **744**

AEP: **448120**

Drilling Contractor: *Unknown Driller*

Licence No.:

Easting: **8,613.72**

Date Started:

Northing: **5,949,076.29**

Date Completed: **16 Oct 78**

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Plugged 16 Oct 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NE 31-054-06 W5M**

Well Number **10733**

Well Owner: **Anderson, Fraser**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **743**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448118**  
 Easting: **8,804.07**  
 Northing: **5,948,868.10**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Unknown**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**      Lithologic Description

**(No Lithologic Information Available)**

Laboratory: **23 Nov 79**

pH (pH unit)	<b>8.40</b>	COD	Mercury
Cond. (µS/cm)	<b>1692</b>	SAR	Nickel
TDS	<b>1005</b>	TKN	Selenium
Sodium	<b>396.98</b>	Nitrate	Strontium
Potassium	<b>1.56</b>	Nitrite	Molybdenum
Calcium	<b>89.98</b>	TN	Vanadium
Magnesium	<b>1.95</b>	TC	Zinc
Carbonate		DIC	Hydroxide
Bicarbonate	<b>1009.72</b>	Arsenic	Total Hardness <b>30.00</b>
Aluminum		Barium	Manganese
Sulphate	<b>92.22</b>	Beryllium	Phosphate
Chloride		Cadium	Ion Balance <b>0.96</b>
Fluoride	<b>0.43</b>	Chromium	Amm. Nitrogen
Iron	<b>0.06</b>	Cobalt	Total Phosphate
TOC		Copper	Total Alkalinity <b>836.0</b>
Silica	<b>13.60</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No**      Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No**      Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes**      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*

**NW 31-054-06 W5M**

Well Number **10734**

Well Owner: **Anderson, Fraser**

Elevation (AMSL) (m): **711**

AEP: **366528**

Drilling Contractor: *Sunshine Drilling Ltd.*

Licence No.:

Easting: **8,183.19**

Date Started: **25 Sep 92**

Northing: **5,948,809.00**

Date Completed: **28 Sep 92**

**General:**

Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth: **79.2** (m)  
 NPWL (m): **33.5** Verified NPWL (m):  
 Abandonment:

**Casing:**

Type: **Steel**  
 Depth (m): **31.4** Bottom (m): **31.4**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Driven & Welded Ring**  
 from (m): to **31.7**

**Liner:**

Type:  
 OD (mm): **114.3** Thickness (mm): **0.1**  
 Top (m): **30.5** Bottom (m): **79.2**  
 Perforated How: **Saw**  
 from (m): **30.8** to **78.9** Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**

Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**

from (m): to

**Pump: Sub**

Model: **18 St** Intake (m): **76.2**

**Testing:**

Rate (lpm): **36.5** Time (minute): **240.0**  
 Level End (m): **74.7** Drawdown (m): **41.2**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **36.5**

**Depth Elevation**

<b>(BGL)</b>	<b>(AMSL)</b>	<b>(m)</b>	<b>(m)</b>	<b>Lithologic Description</b>
0.9	710.0			Gravel
4.9	706.0			Clay Gray
11.6	699.3			Sand & Gravel
21.0	689.8			Clay Gray
29.9	681.0			Clay & Rocks Mixed
36.0	674.9			Sandstone Green
42.4	668.5			Sandstone Gray
43.3	667.6			Sandstone Brown
43.6	667.3			Coal
48.2	662.7			Sandstone Green
51.5	659.4			Sandstone Gray
54.3	656.6			Sandstone Medium Grained Gray
59.7	651.1			Sandstone Green
61.9	649.0			Sandstone Gray
66.4	644.4			Sandstone Medium Grained Gray
66.8	644.1			Sandstone Hard White
68.6	642.3			Sandstone Gray
72.5	638.3			Coal
72.8	638.0			Sandstone Green
73.5	637.4			Sandstone Brown
75.0	635.9			Sandstone & Coal Mixed Brown
76.2	634.7			Sandstone Gray
77.7	633.1			Sandstone Medium Grained Gray
79.2	631.6			Sandstone Brown

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by PFRA in 10TM NAD 27

**NW 31-054-06 W5M**

Well Number **10735**

Well Owner: **Semenya, Ernie**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **711**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448116**  
 Easting: **8,183.19**  
 Northing: **5,948,809.00**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth **45.7** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to  
**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m):  
**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory: **11 Aug 83**

pH (pH unit) <b>7.80</b>	COD	Mercury
Cond. (µS/cm) <b>1493</b>	SAR	Nickel
TDS <b>970.0</b>	TKN	Selenium
Sodium <b>399.97</b>	Nitrate	Strontium
Potassium <b>1.96</b>	Nitrite	Molybdenum
Calcium <b>4.01</b>	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate <b>755.91</b>	Arsenic	Total Hardness <b>14.00</b>
Aluminum	Barium	Manganese
Sulphate <b>190.20</b>	Beryllium	Phosphate
Chloride	Cadium	Ion Balance <b>1.08</b>
Fluoride <b>0.12</b>	Chromium	Amm. Nitrogen
Iron <b>0.32</b>	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity <b>620.0</b>
Silica <b>12.90</b>	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-32-054-06 W5M

Well Number 10736

Well Owner: **Imperial Oil #W6**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **775**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448122**  
 Easting: **9,411.46**  
 Northing: **5,949,064.95**

**General:**  
 Type of Work: **Coal Test Hole**  
 Drilling Method: **Unknown**  
 Well Use: **Industrial**  
 Completed Depth **36.3** (m)  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type: **Unknown**  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

Depth (BGL) (m)	Elevation (AMSL) (m)	Lithologic Description
(No Lithologic Information Available)		

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Remarks:

Electric Log: <b>No</b>	Transmissivity: m <sup>2</sup> /day
Gamma Log: <b>No</b>	Storativity:
Aquifer Test: <b>No</b>	
Project:	Database: <b>1.000H</b>
AEP Data: <b>Yes</b>	Well Field Verified: <b>No</b>

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NW 32-054-06 W5M**

Well Number **10737**

Well Owner: **Albrecht, Eric**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **772**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **448121**  
 Easting: **9,801.15**  
 Northing: **5,948,809.50**

**General:**  
 Type of Work: **Chemistry**  
 Drilling Method: **Unknown**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

*Water Well Positioned by PFRA in 10TM NAD 27*

13-33-054-06 W5M

Well Number 10738

Well Owner: Northern Geo Ltd #45

Elevation (AMSL) (m): 796

AEP: 448123

Drilling Contractor: Other

Licence No.:

Easting: 11,028.72

Date Started: 21 Jan 78

Northing: 5,949,067.54

Date Completed: 25 Jan 78

**General:**

Type of Work: **Flowing Shot Hole**

Drilling Method: **Unknown**

Well Use: **Industrial**

Completed Depth **18.3** (m)

NPWL (m): Verified NPWL (m):

Abandonment: **Bassani Plug 25 Jan 78**

**Casing:**

Type:

Depth (m): Bottom (m):

OD (mm): Thickness (mm):

Seal Type:

from (m): to

**Liner:**

Type:

OD (mm): Thickness (mm):

Top (m): Bottom (m):

Perforated How:

from (m): to Size:

from (m): to Size:

from (m): to Size:

**Screen:**

Material:

OD (mm):

from (m): to Size:

from (m): to Size:

**Open Hole:**

from (m): to

**Pump:**

Model: Intake (m):

**Testing:**

Rate (lpm): **9.1** Time (minute):

Level End (m): Drawdown (m):

Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**

**(BGL) (AMSL)**

**(m) (m)**

**Lithologic Description**

**(No Lithologic Information Available)**

**Laboratory:**

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

Chemical Constituents are in mg/l (ppm). Except as noted.

**Remarks:**

Electric Log: **No** Transmissivity: m<sup>2</sup>/day

Gamma Log: **No** Storativity:

Aquifer Test: **No**

Project: Database: **1.000H**

AEP Data: **Yes** Well Field Verified: **No**

Water Well Positioned by Mow-Tech in 10TM NAD 27

**NE 10-054-07 W5M**

Well Number **10746**

Well Owner: **Hunter, S.E**  
 Drilling Contractor: *Unknown Driller*

Elevation (AMSL) (m): **729**  
 Licence No.:  
 Date Started:  
 Date Completed:

AEP: **356984**  
 Easting: **3,951.33**  
 Northing: **5,942,435.47**

**General:**  
 Type of Work: **Spring**  
 Drilling Method: **Not Applicable**  
 Well Use: **Domestic**  
 Completed Depth (m):  
 NPWL (m): Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m): Bottom (m):  
 OD (mm): Thickness (mm):  
 Seal Type:  
 from (m): to

**Liner:**  
 Type:  
 OD (mm): Thickness (mm):  
 Top (m): Bottom (m):  
 Perforated How:  
 from (m): to Size:  
 from (m): to Size:  
 from (m): to Size:

**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:

**Open Hole:**  
 from (m): to

**Pump:**  
 Model: Intake (m):

**Testing:**  
 Rate (lpm): Time (minute):  
 Level End (m): Drawdown (m):  
 Rec'd intake (m): Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)** **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by Mow-Tech in 10TM NAD 27*



**SW 35-056-08 W5M**

Well Number **13532**

Well Owner: **Alta Env#81-5-D**

Elevation (AMSL) (m): **687**

AEP: **376387**

Licence No.:

Easting: **57,826.06**

Drilling Contractor: *Larson'S Waterwell Servicing Ltd.*

Date Started: **11 Sep 81**

Northing: **5,927,461.50**

Date Completed: **13 Sep 81**

**General:**  
 Type of Work: **Piezometer**  
 Drilling Method: **Rotary**  
 Well Use: **Observation**  
 Completed Depth **61.0** (m)  
 NPWL (m):                      Verified NPWL (m):  
 Abandonment:

**Casing:**  
 Type:  
 Depth (m):                      Bottom (m):  
 OD (mm):                      Thickness (mm):  
 Seal Type: **Unknown**  
 from (m):                      to

**Liner:**  
 Type:  
 OD (mm):                      Thickness (mm):  
 Top (m):                      Bottom (m):  
 Perforated How:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:  
 from (m):                      to                      Size:

**Screen:**  
 Material: **PI**  
 OD (mm): **0.6**  
 from (m): **15.9**                      to **16.5**                      Size: **0.01**  
 from (m):                      to                      Size:

**Open Hole:**  
 from (m):                      to

**Pump:**  
 Model:                      Intake (m):

**Testing:**  
 Rate (lpm):                      Time (minute):  
 Level End (m):                      Drawdown (m):  
 Rec'd intake (m):                      Rec'd Rate (lpm):

**Depth Elevation**  
**(BGL) (AMSL)**  
**(m) (m)**                      **Lithologic Description**

**(No Lithologic Information Available)**

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **Yes**                      Transmissivity:                      m<sup>2</sup>/day  
 Gamma Log: **No**                      Storativity:  
 Aquifer Test: **No**  
 Project:                      Database: **1.000H**  
 AEP Data: **Yes**                      Well Field Verified: **No**

**Remarks:**

*Water Well Positioned by PFRA in 10TM NAD 27*

**NW 10-058-06 W5M**

Well Number **15990**

Well Owner: **Aphery, Richaed**

Elevation (AMSL) (m): **648**

AEP: **382086**

Drilling Contractor: *Sunshine Drilling Ltd.*

Licence No.:

Easting: **17,166.10**

Date Started: **22 Feb 90**

Northing: **5,921,612.00**

Date Completed: **23 Feb 90**

**General:**  
 Type of Work: **New Well**  
 Drilling Method: **Rotary**  
 Well Use: **Domestic & Stock**  
 Completed Depth **106.7** (m)  
 NPWL (m): **25.9** Verified NPWL (m):  
 Abandonment:  
**Casing:**  
 Type: **Steel**  
 Depth (m): **39.0** Bottom (m): **39.0**  
 OD (mm): **141.2** Thickness (mm): **0.1**  
 Seal Type: **Welded Ring**  
 from (m): to **38.7**  
**Liner:**  
 Type:  
 OD (mm): **114.3** Thickness (mm):  
 Top (m): **33.5** Bottom (m): **106.7**  
 Perforated How: **Machine**  
 from (m): **33.8** to **106.4** Size:  
 from (m): to Size:  
 from (m): to Size:  
**Screen:**  
 Material:  
 OD (mm):  
 from (m): to Size:  
 from (m): to Size:  
**Open Hole:**  
 from (m): to  
**Pump:**  
 Model: Intake (m): **76.2**  
**Testing:**  
 Rate (lpm): **18.2** Time (minute): **2.0**  
 Level End (m): **76.2** Drawdown (m): **50.3**  
 Rec'd intake (m): **76.2** Rec'd Rate (lpm): **18.2**

<b>Depth (BGL) (m)</b>	<b>Elevation (AMSL) (m)</b>	<b>Lithologic Description</b>
7.9	639.6	Brown Clay & Rocks
11.6	636.0	Gray Clay
14.9	632.6	Gray Sand
35.4	612.2	Gray Clay & Sand
39.9	607.6	Green Sandstone
42.1	605.5	Light Gray Sandstone
51.5	596.0	Green Sandstone
70.4	577.1	Gray Sandstone
75.9	571.7	Salt & Pepper Sandstone
77.7	569.8	Green Sandstone
82.3	565.3	Brown Sandstone
85.0	562.5	Brown Sandstone
87.2	560.4	Green Sandstone
91.1	556.4	Gray Sandstone
93.0	554.6	Salt & Pepper Sandstone
93.3	554.3	Hard White Sandstone
97.8	549.7	Brown Sandstone
103.3	544.2	Laminated Brown Sandstone
105.5	542.1	Gray Sandstone
105.8	541.8	Hard White Sandstone
106.7	540.9	Brown Sandstone

Laboratory:

pH (pH unit)	COD	Mercury
Cond. (µS/cm)	SAR	Nickel
TDS	TKN	Selenium
Sodium	Nitrate	Strontium
Potassium	Nitrite	Molybdenum
Calcium	TN	Vanadium
Magnesium	TC	Zinc
Carbonate	DIC	Hydroxide
Bicarbonate	Arsenic	Total Hardness
Aluminum	Barium	Manganese
Sulphate	Beryllium	Phosphate
Chloride	Cadium	Ion Balance
Fluoride	Chromium	Amm. Nitrogen
Iron	Cobalt	Total Phosphate
TOC	Copper	Total Alkalinity
Silica	Lead	Nitrate&Nitrite N

*Chemical Constituents are in mg/l (ppm). Except as noted.*

Electric Log: **No** Transmissivity: m<sup>2</sup>/day  
 Gamma Log: **No** Storativity:  
 Aquifer Test: **No**  
 Project: Database: **1.000H**  
 AEP Data: **Yes** Well Field Verified: **No**

**Remarks:**

Water Well Positioned by PFRA in 10TM NAD 27

