



# **Water Supply Analysis**

**4631 Sideroad 20 North, Puslinch  
Township, Ontario**

Puslinch Development GP Inc.

29 January 2025

**➔ The Power of Commitment**

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# 1. Introduction

GHD Limited (GHD) was retained by Puslinch Development GP Inc. ("the Client") to complete a water supply analysis in support of a proposed industrial development located at 4631 Sideroad 20 North, Puslinch Township, Ontario (hereafter referred to as the 'Site'). The Site is approximately 25 hectares in size and has a triangular shape. The Site and surrounding properties are located in a rural area which do not have municipal water or sanitary services available. The location of the Site is provided on the Site Location Plan, **Figure 1**.

The Site is currently unoccupied land which is used for agricultural purposes. The proposed development consists of three (3) industrial buildings, a daycare and a gym surrounded by parking lot and paved aprons. The proposed development requires that the water supply requirements meet the Ministry of the Environment, Conservation and Parks (MECP) D-5-5 Private Wells – Water Supply Assessment guidelines.

This report has been prepared for the purposes of examining the hydrogeological characteristics of the Site and assessing the capacity of groundwater wells to supply the proposed development. The scope of work completed to achieve the aforementioned purposes included a desktop review of available geological and groundwater mapping and statistical assessment of MECP well records.

The factual data, interpretations and recommendations contained in this report pertain to a specific project as described in the report and are not applicable to any other project or site location. This report should be read in conjunction with the Scope and Limitations in Section 1.1 of this report. The reader's attention is specifically drawn to this information, as it is essential for the proper use and interpretation of this report.

## 1.1 Scope and Limitations

*This report: has been prepared by GHD for Puslinch Development GP Inc. and may only be used and relied on by Puslinch Development GP Inc. for the purpose agreed between GHD and Puslinch Development GP Inc. as set out in section 1 of this report.*

*GHD otherwise disclaims responsibility to any person other than Puslinch Development GP Inc. arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.*

*The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.*

*The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.*

*The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.*

### **Accessibility of documents**

*If this report is required to be accessible in any other format, this can be provided by GHD upon request and at an additional cost if necessary.*

## 2. Background

### 2.1 Site Description

The Site covers an area of approximately 25 hectares and is located at the municipal address of 4631 Sideroad 20 North in the Township of Puslinch, Ontario. The Site is currently unoccupied land, used for agricultural purposes. The Site is bounded by Provincial Highway 6 (Hanlon Parkway) to the east, Concession Road 4 to the south and Side Road 20 N to the west.

The Site and surrounding properties do not have municipal water and sewer services. Water and sewage services in the Township of Puslinch, currently consist of individual on-site private water supply wells and septic systems.

### 2.2 Regional Setting

The topography at the Site is undulating to rolling, with surficial elevations gradually sloping towards the south. The regional topography map is presented on **Figure 2**.

The Site is located in the Horseshoe Moraines physiographic region (Chapman and Putnam, 1984), which is characterized by till moraines, spillways, till plains, drumlins and peat and muck deposits.

Surficial Geology mapping presented on **Figure 3** indicates that the Site is comprised of coarse textured ice-contact stratified deposits that consist of sand and gravel, minor silts and clays, and fine textured stone-poor, sandy silt to silty sand textured glacial till deposits.

The Quaternary geology is presented in **Figure 4** and indicates the majority of the Site is underlain by glaciofluvial outwash deposits consisting of gravel and sand. The south side of the Site is underlain by Wentworth Till with a sandy silt to silt matrix.

The bedrock of this area, as presented on **Figure 5**, is comprised of dolostone of the Upper Ordovician Guelph Formation. Based upon water well records within 500 m of the Site, bedrock was found varying from 32.9 metres below ground surface (mbgs) to 52.4 mbgs.

### 2.3 Description of Surface Water Features

No areas of Natural or Scientific Interest (ANSI) are present on the Site as presented on **Figure 6**, however a small surface water feature (pond) and an evaluated Provincially Significant Wetland (PSW) is located on the southwest portion of the Site just north of Concession Road 4. The surface water body (pond) is not directly connected to any other surface water body and appears to be connected to the shallow groundwater regime. There is no other surface water within 300m downgradient of the proposed surface disposal bed.

### 2.4 Existing Local Water Supplies

The information regarding the groundwater characteristics of the immediate area was obtained from an inventory of the well records on file with the MECP. Forty-three (43) water well records were identified within 500 metres of the Site, with twenty (20) detailing well abandonments or monitoring well installations with limited information. Based on the location data provided in the well records, one (1) water supply well is depicted on the Site. The MECP well records and the approximate locations are provided in **Appendix A** with the data summarized in **Table 1**.

The well records indicate a mix of overburden materials (e.g., sand, clay, boulders) which overlays bedrock interpreted to be limestone. Based upon the well records, bedrock was encountered between 32.9 and 52.4 m. Based on the MECP well records reviewed, there are two aquifers beneath the site: a shallow overburden aquifer; and deeper bedrock complex that supplies groundwater to most wells in the area.

The groundwater was generally described as “fresh” from the well records reviewed. Water was reported to be generally encountered within the bedrock at an average depth of about 48 m with an average static depth of 18 m. Pumping rates from the well records reviewed averaged about 41 L/min.

For the well record depicted to be located on the Site, bedrock was reported at a depth of 38 m. The well was completed to a depth of 70 m and had a pumping rate of 30 L/min. Water was reported to be encountered at about 65 m with a static depth of 18 m.

Six (6) drilled overburden wells and seventeen (17) drilled bedrock wells were identified in the MECP records. No dug / bored wells were identified in the well records database. **Table 1** summarizes the data reviewed in the well records within 500 m of the Site:

**Table 1** Summary of MECP Water Well Record Data

Well Use	Well Type/Unit	No. Wells	Well Depth Min – Max (Avg) (mbgs)	Water Encountered Depth Min – Max (Avg) (mbgs)	Static WL Min – Max (mbgs)	Yield Min – Max (Avg) (L/min)
Water Supply	Overburden – Drilled	6 (26%)	20.4 – 74.4 (38.3)	20.4 – 74.4 (37.9)	12.2 – 29.0 (17.8)	15.1 – 75.6 (44.7)
Water Supply	Bedrock	17 (74%)	39.0 – 70.1 (51.8)	38.1 – 65.5 (48.1)	12.2 – 22.3 (18.2)	18.9 – 75.6 (40.7)
<b>Total</b>		<b>23</b>				
Abandoned	NA	6	15.0 – 81.7 (37.5)	NA	NA	NA
Monitoring	Drilled	13	10.7 – 91.4 (34.6)	9.4 – 36.6 (19.9)	9.4 – 13.7 (12.0)	3.8
Other	NA	1	47.2	--	15.2	--

(mbgs) metres below ground surface, (L/min) litres per minute, (avg) average

## 3. Water Usage Assessment

Where a planned development is to establish a private water supply, the MECP D-5-5 (Technical Guideline for Private Wells: Water Supply Assessment, 1996) is the provincial technical guideline that a proponent is generally required to adhere to. Per the D-5-5 guideline, the capability of the aquifer to supply a sufficient quantity of water must be demonstrated. Minimum well yield requirements are defined in the guideline.

### 3.1 Design Water Demand

It is understood by GHD that the current proposed usage will be industrial buildings, with no processing on-site that would require water usage. The water usage would be related to general cleaning, washroom or kitchen purposes.

The potential water usage is presented in GHD's Functional Servicing and Stormwater Management Report. The water demand calculations indicate that maximum daily water usage for the proposed development would be on the order of 90,000 litres per day.

### 3.2 Production Well Requirements

Based on the results of this investigation, it is recommended that the proposed development be serviced by properly constructed drilled wells completed in the bedrock. Based upon the well records, drilled bedrock wells in the area were advanced to depths between 39 and 75 m into bedrock with yields between 18.9 – 75.6L/min (40.7L/Min). All of the wells are indicated as domestic usage which requires much less flow and the capability of the aquifer to support this development needs to be explored through the installation of test wells and pumping testing at higher rates than those presented in the well records. It is anticipated that strategically placed wells on the property could produce water in the range of 37.8 to 75.6L/min.

Typically, peak water demand is addressed through the use of onsite storage vessels. To meet the maximum daily water usage presented in Section 3.1 the site would require wells with the ability to produce water at a rate of 62.5L/min. It is anticipated that 2 wells capable of producing 37.8 to 75.6L/min would be required to service the development.

### **3.3 Well Construction Considerations**

Water wells installed should be in accordance with Regulation 903 of the Ontario Water Resources Act and the following design specifics:

1. Each well must be developed by conventional techniques to obtain a minimum of 70% efficiency. It is recommended that a statement be provided that indicates the well is essentially sand-free (i.e. less than 5 mg/L sand). In addition, the statement should also include that the total drawdown in the well, comprising the pumping level plus the mutual interference from the other wells, is within a reasonable tolerance of the available drawdown.
2. A water sample must be collected from each new well and analyzed for the parameters outlined in Ministry of the Environment, Conservation and Parks (MECP) document D-5-5 Private Wells: Water Supply Assessment, at a minimum, and compared to the Ontario Drinking Water Standards.
3. It is recommended that each properly constructed well be pump tested by qualified hydrogeologic personnel. The well should be pump tested to determine a safe long-term yield and short-term capacity to ensure uninterrupted water supply for the development and to ensure that adjacent properties will not be impacted. A report should be prepared by a Professional Engineer or Professional Geoscientist verifying individual pump testing data.

The use of properly constructed drilled wells that are adequately sealed and certified by qualified hydrogeological personnel should be sufficient to provide ample quantities of potable water while preserving the long-term water quality of the existing aquifer complexes.

## 4. Summary and Conclusions

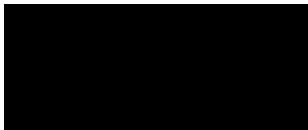
Supporting data upon which our conclusions and recommendations are based have been presented in the foregoing sections of this report. The following conclusions and recommendations are governed by the physical properties of the subsurface materials that were encountered at the Site and assume that they are representative of the overall Site conditions. It should be noted that these conclusions and recommendations are intended for use by the designers only. Contractors bidding on or undertaking any work at the Site should examine the factual results of the assessment, satisfy themselves as to the adequacy of the information for construction, and make their own interpretation of this factual data as it affects their proposed construction techniques, equipment capabilities, costs, sequencing, and the like. Comments, techniques, or recommendations pertaining to construction should not be construed as instructions to the contractor.

The potential water usage is presented in GHD's Functional Servicing and Stormwater Management Report. The water demand calculations indicate that maximum daily water usage for the proposed development would be on the order of 90,000 litres per day. To meet the maximum daily water the site would require wells with the ability to produce water at a rate of 62.5L/min. It is anticipated that two (2) wells capable of producing 37.8 to 75.6L/min would be required to service the development.

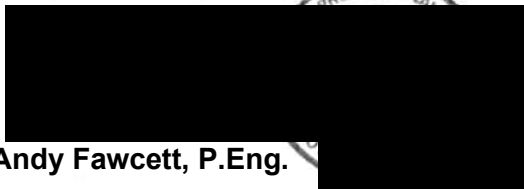
It is suggested that drilled bedrock test wells be constructed onsite by a licenced well contractor and pump tested under the supervision of GHD to evaluate quality and quantity of groundwater available for the proposed development and to assess the potential for impact to surrounding groundwater users. Depending on the pumping rate and the duration of the testing the pump tests may need to be registered through the Environmental Activity and Sector Registry (EASR) for temporary water taking. For the proposed development, if the water taking would be over 50,000L/day, a Permit to Take Water (PTTW) would be required.

We trust that this report has been completed within our terms of reference and is suitable for your present requirements. Please contact our office if you have any questions or require further consultation.

Regards,

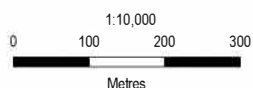
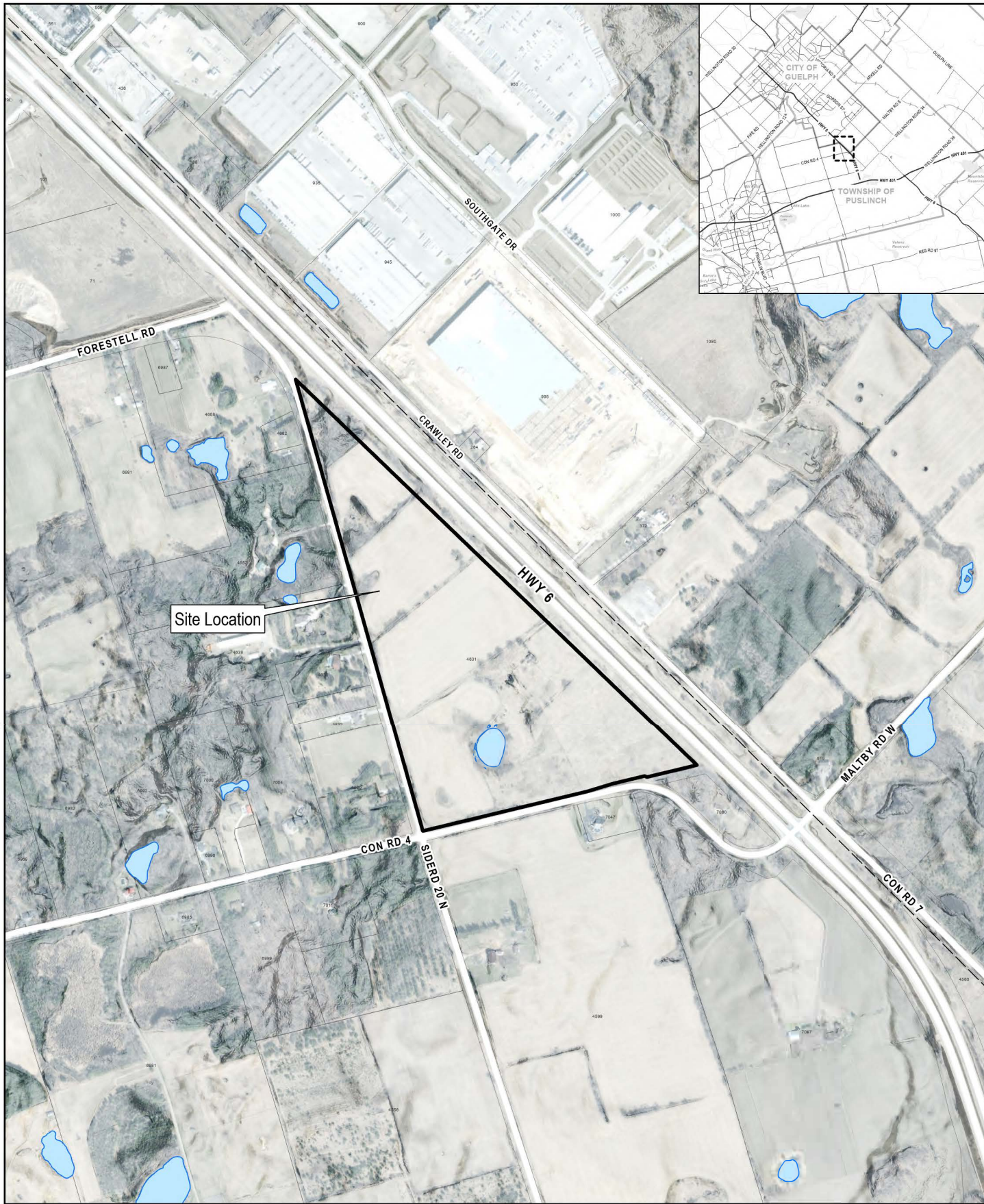


**Steven Gagne, H.S.Bc.**



**Andy Fawcett, P.Eng.**





Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



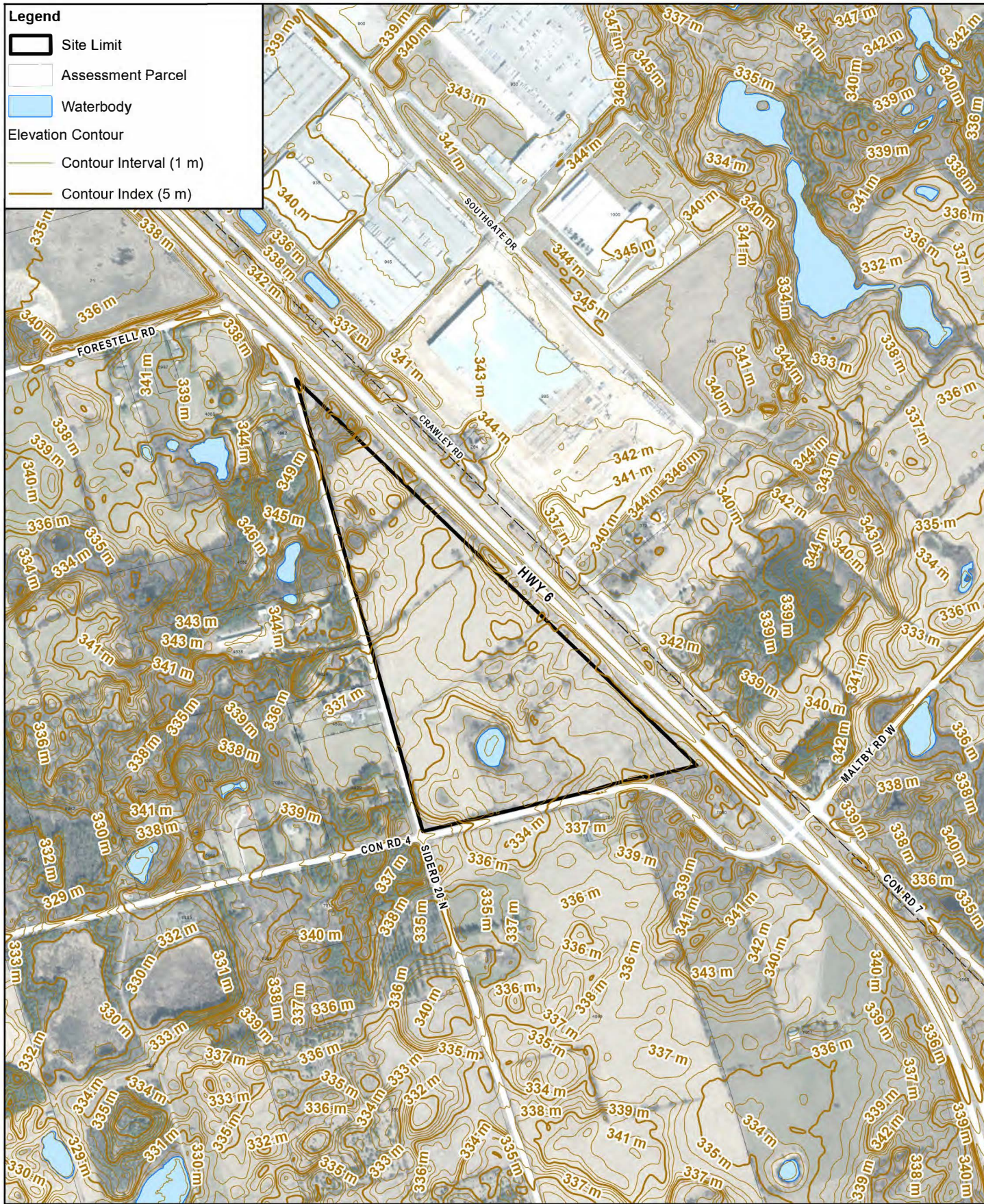
Puslinch Development GP Inc.  
4631 Sideroad 20 North, Puslinch Township, Ontario

## Water Resources Impact Assessment Site Location Plan

Project No. 12618927  
Revision No.  
Date Jan 14, 2025

**Figure 1**





1:10,000  
0 100 200 300  
Metres

Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



Puslinch Development GP Inc.  
4631 Sideroad 20 North, Puslinch Township, Ontario

Water Resources Impact Assessment  
**Regional Topography**


Project No. 12618927  
Revision No.  
Date Jan 14, 2025


**Figure 2**



## Legend

 Site Limit

 Assessment Parcel

 Waterbody

Surficial Geology of Southern Ontario (MRD128-REV)


### PLEISTOCENE

 7: Glaciofluvial deposits:

River deposits and delta topset facies

7a Sandy deposits


7b Gravelly deposits

 6: Ice-contact stratified deposits:

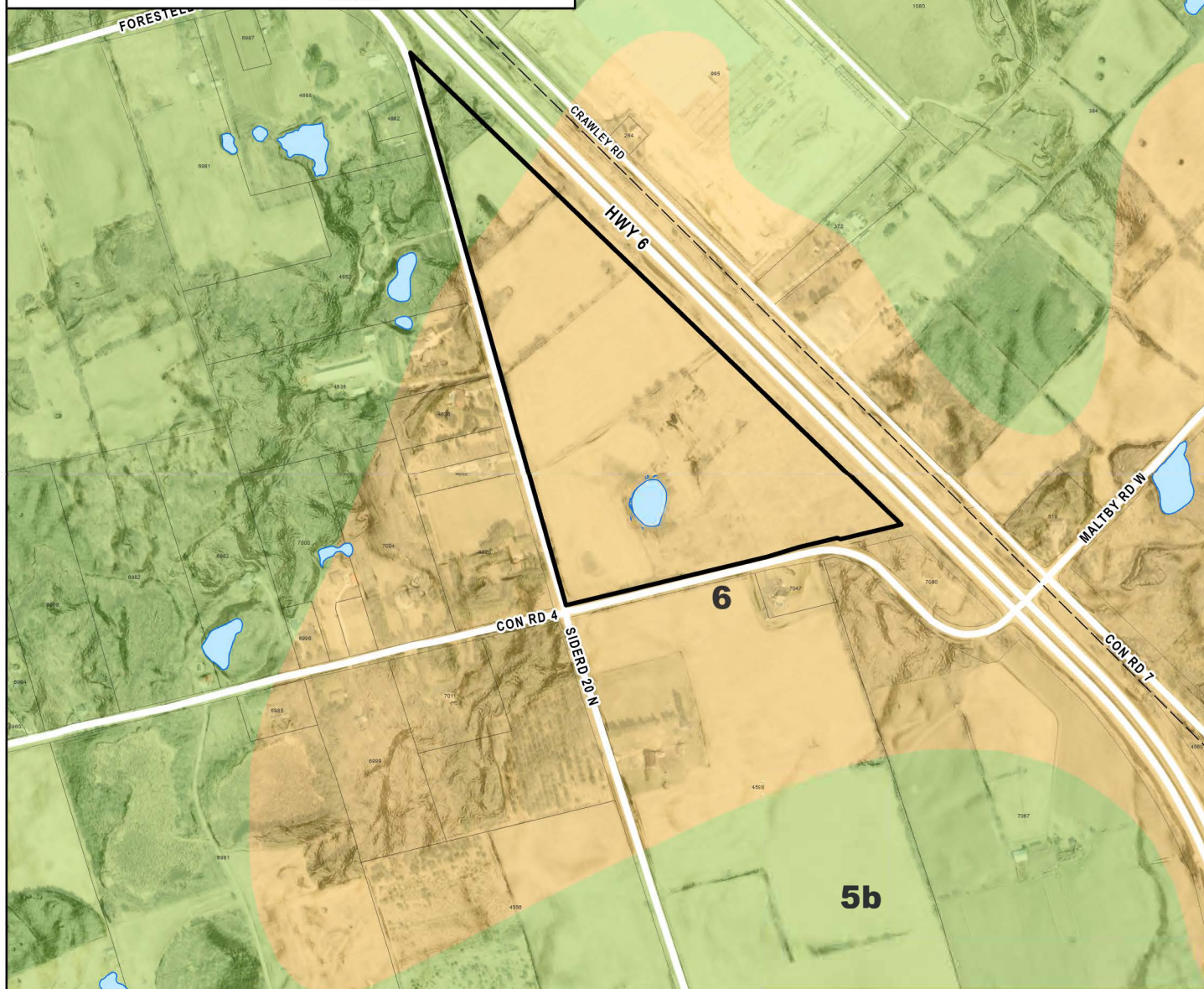
Sand and gravel, minor silt, clay and till

6a In moraines, eskers, kames and crevasse fills

6b In subaquatic fans

 5b: Stone-poor, sandy silt to silty sand-textured till

Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain



1:10,000  
0 100 200 300  
Metres

Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



Puslinch Development GP Inc.  
4631 Sideroad 20 North, Puslinch Township, Ontario





Water Resources Impact Assessment  
**Surficial Geology**

Project No. 12618927  
Revision No.  
Date Jan 14, 2025

**Figure 3**




## Legend


-  Site Limit
-  Assessment Parcel
-  Waterbody
-  Quaternary Sediment Thickness Contour (1 m)

Quaternary Geology of Southern Ontario (EDS014-REV)

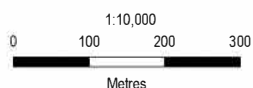
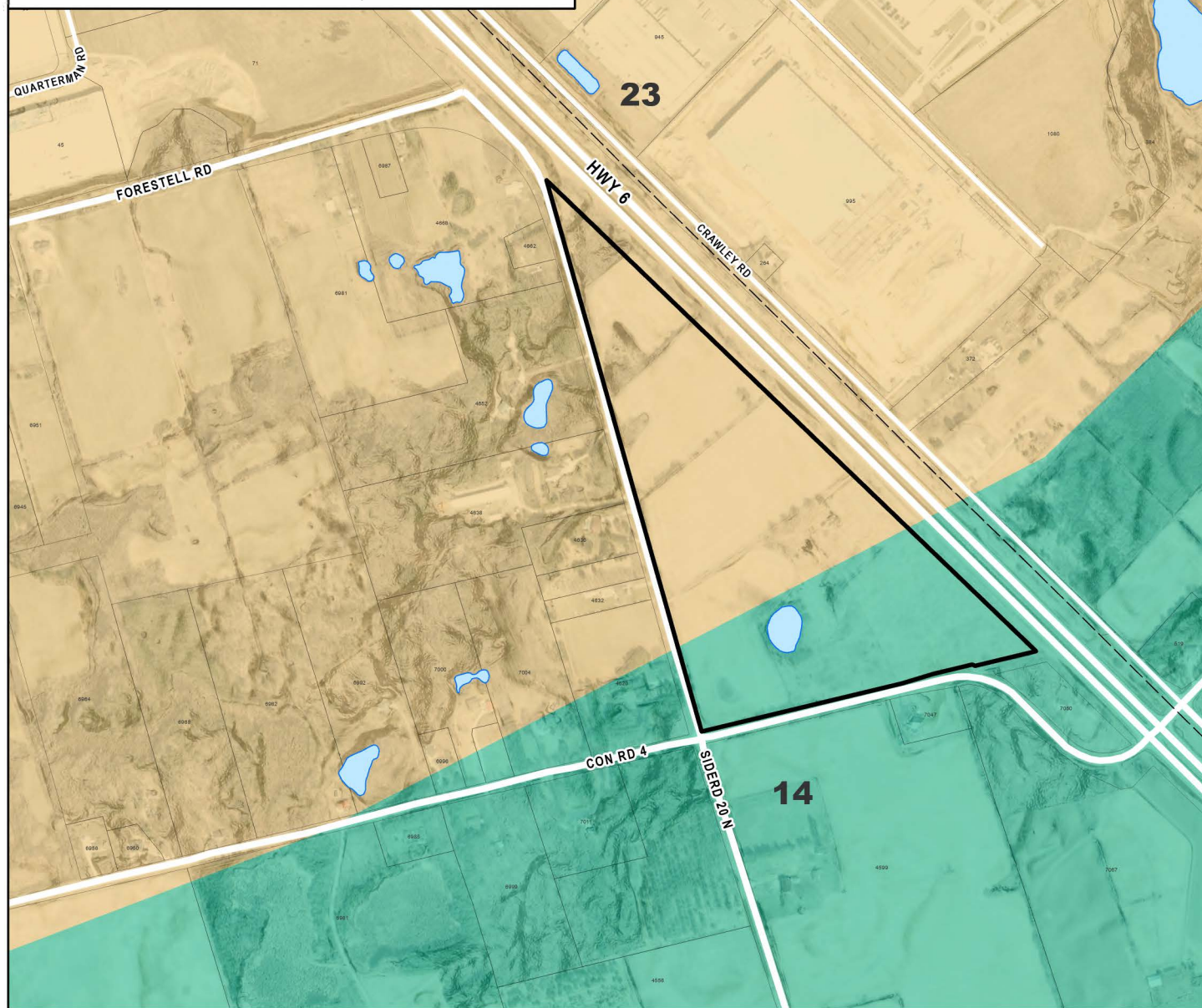
### PLEISTOCENE

 23: Glaciofluvial Outwash deposits:

Gravel and sand includes proglacial river and deltaic deposits

 14: Wentworth Till (Ontario-Erie lobe):

Sandy silt to silt matrix becoming finer grained to silty clay near Lake Erie, highly calcareous, clast content moderate to low decreasing southward



Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



Puslinch Development GP Inc.  
4631 Sideroad 20 North, Puslinch Township, Ontario





Water Resources Impact Assessment  
**Quaternary Geology**

Project No. 12618927  
Revision No.  
Date Jan 14, 2025

**Figure 4**

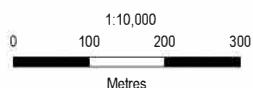
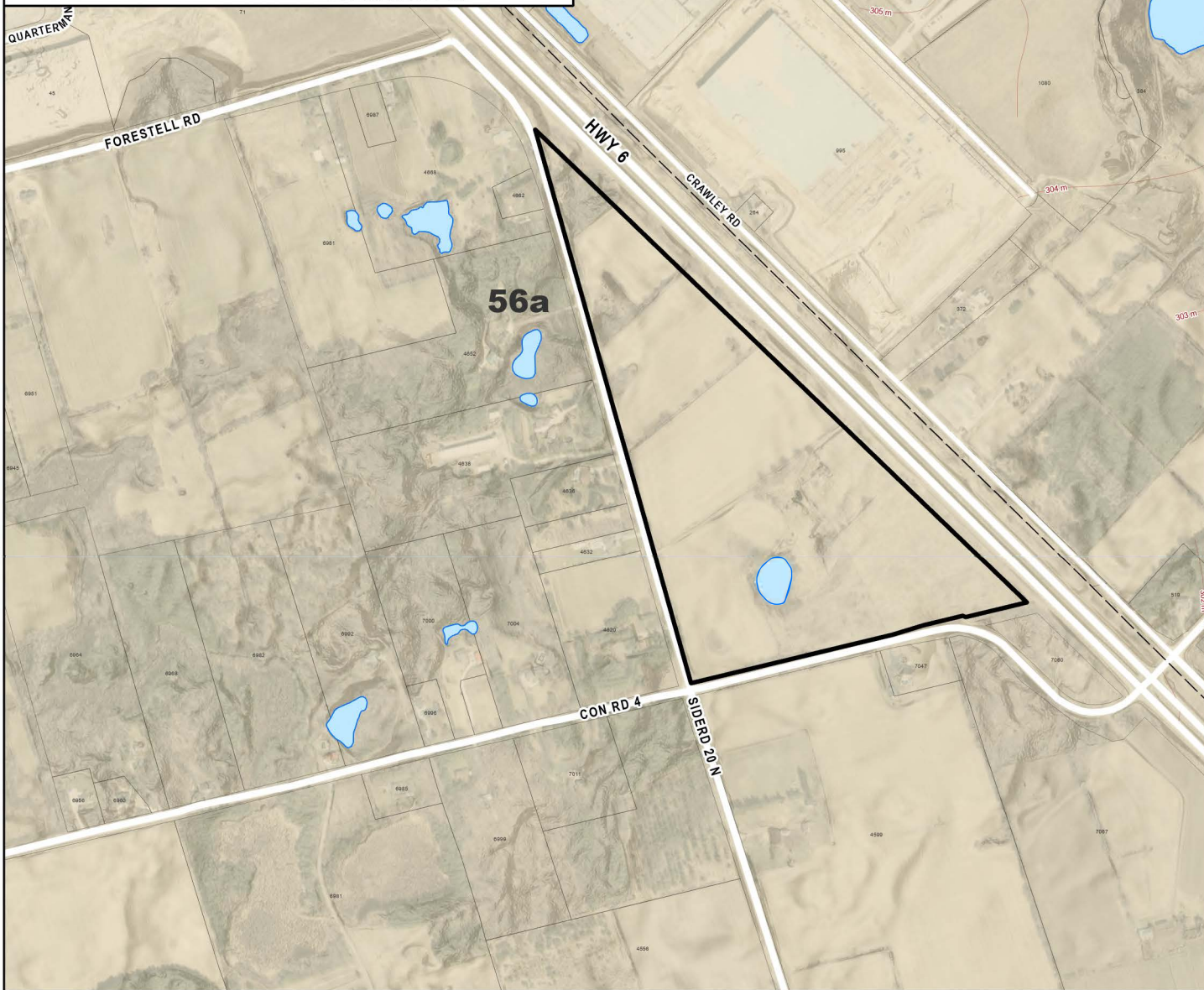


## Legend

-  Site Limit
-  Assessment Parcel
-  Waterbody
-  Bedrock Topography Contour (1 m)

## Bedrock Geology of Southern Ontario (MRD-126)

- 56a Guelph Fm. (also present in the Upper Silurian)
- 56b/c Lockport Fm./56c Amabel Fm.
- 56d Clinton Gp.; Cataract Gp.
- 56e Thornloe Fm.; Earleton Fm.
- 56f Wabi Gp.
- 56g Attawapiskat Fm. (also present in the Upper Silurian)
- 56h/i Ekwon River Fm./56i Severn River Fm.



Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



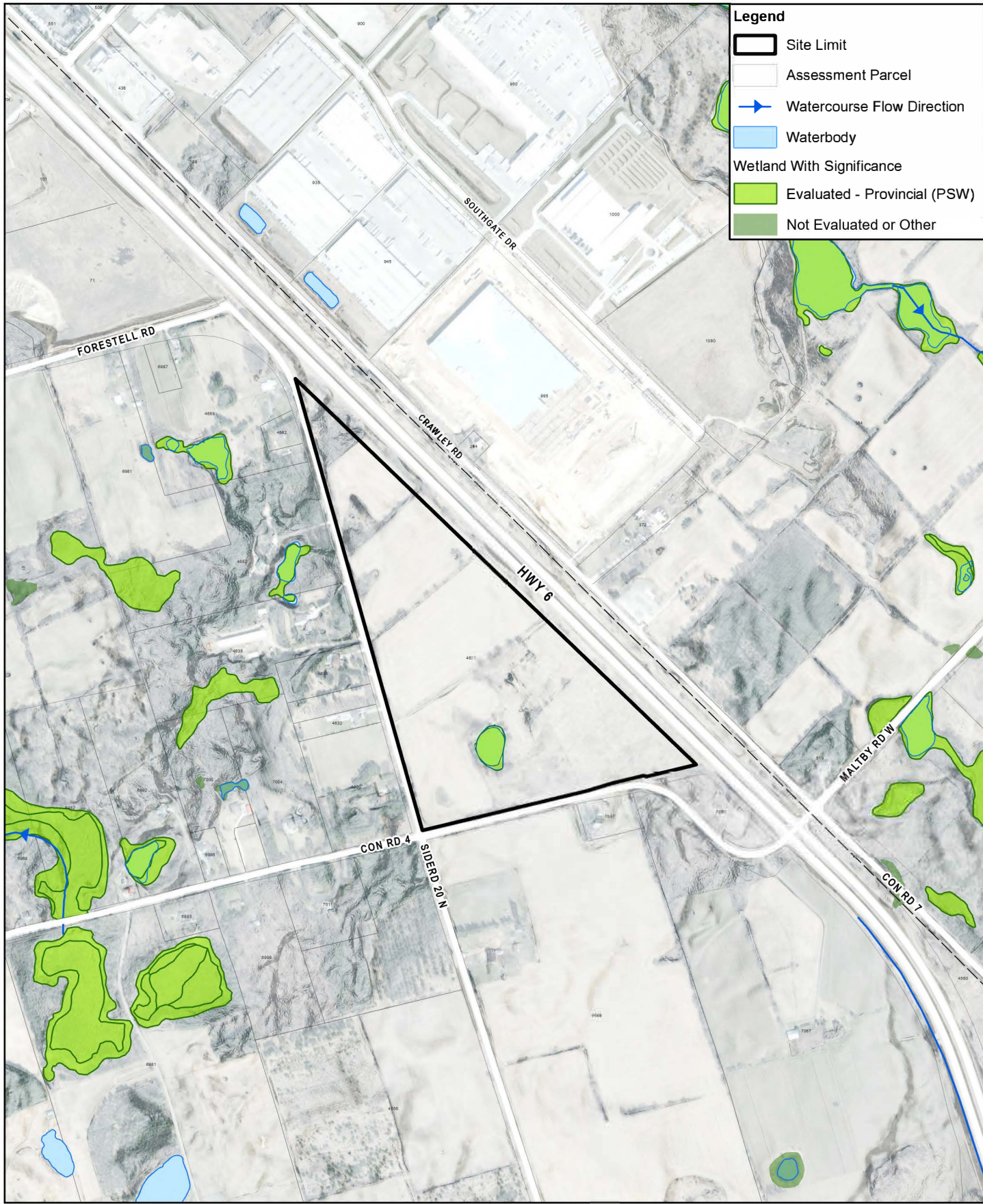
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Water Resources Impact Assessment  
**Bedrock Geology**

Project No. 12618927  
Revision No.  
Date Jan 14, 2025

**Figure 5**





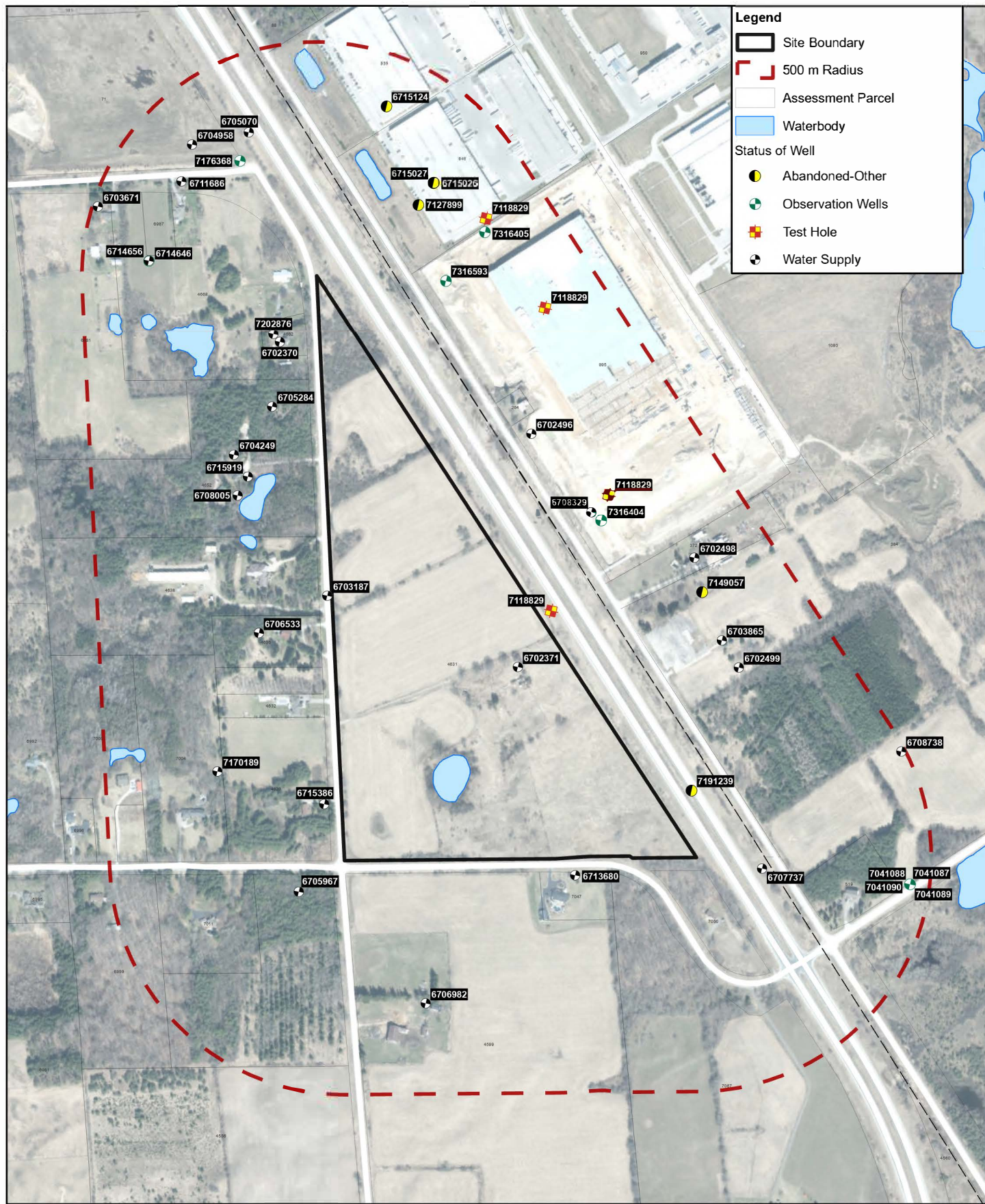
**Figure 6**

# Appendices



# **Appendix A**

## **MECP Well Records**



0 80 160 240  
Metres

Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 17N



Puslinch Development GP Inc.  
4631 Sideroad 20 North, Puslinch Township, Ontario

## Water Resources Impact Assessment MECP Well Records

Project No. 12618927  
Revision No.  
Date Jan 14, 2025

**Figure 1**

# MECP WELL RECORD LISTINGS

Ministry of the Environment, Conservation & Parks (MECP)

© Water Well Information System (WWIS). Ministry of the Environment, Conservation, and Parks. 2021.

Powered by Location Intelligence



DISCLAIMER: All effort has been taken to ensure the accuracy of the data is the same as the source. There are instances where the original PDF document is different and in those cases, the PDF should be used instead.

17

Easting:570251.30

Northing:4826772.00

Elev (masl):347.88

Latitude:43.480355

Longitude:-80.201883

Well ID:6702370

LOCATION

Lot:020

Con:04

Municipality:WELLINGTON

Township:PUSLINCH TOWNSHIP

Street:

City:n/a

WELL

Well Status:Water Supply

Prim. Use:n/a

Sec. Use:n/a

Boring Method:Cable Tool

PUMP TEST

Test Method:CLEAR

Pump Set (m):n/a

SWL (ft):70

Final Level:80 ft

Pump Rate:8 GPM

Recom. Rate:6 GPM

Tag:

Audit No:

Contractor License:2414

Well Completion Date:04-30-1959

Received Date:05-04-1959

Well Depth (m):48.768

Depth to Bedrock (m):133

Depth to Water:ft

Water Kind:FRESH

Pipe ID:11015084

Pump Test ID:996702370

Flowing:N

Pump Duration (hr):2

Pump Duration (m):0

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930758636	4	inch	STEEL	n/a	138 ft
2	930758637	4	inch	OPEN HOLE	n/a	160 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	2 ft
2	CLAY	STONES	n/a	BROWN	2	25 ft
3	CLAY	GRAVEL	n/a	BROWN	25	52 ft
4	GRAVEL	n/a	n/a	n/a	52	70 ft
5	FINE SAND	n/a	n/a	n/a	70	87 ft
6	CLAY	FINE SAND	n/a	GREY	87	104 ft
7	COARSE SAND	n/a	n/a	n/a	104	112 ft
8	CLAY	COARSE SAND	n/a	GREY	112	128 ft
9	COARSE SAND	GRAVEL	n/a	n/a	128	133 ft
10	LIMESTONE	n/a	n/a	BROWN	133	160 ft

End of Record

17

Easting:569479.30

Northing:4825786.00

Elev (masl):340.11

Latitude:43.47665

Longitude:-80.196095

Well ID:6702371

LOCATION

Lot:021

Con:04

Municipality:WELLINGTON

Township:PUSLINCH TOWNSHIP

Street:

City:n/a

WELL

Well Status:Water Supply

Prim. Use:n/a

Sec. Use:Domestic

Boring Method:Cable Tool

Tag:

Audit No:

Contractor License:2414

Well Completion Date:02-06-1962

Received Date:02-19-1962

Well Depth (m):70.104

Depth to Bedrock (m):125

Depth to Water:ft

Water Kind:FRESH

## PUMP TEST

Test Method: CLEAR  
 Pump Set (m): n/a  
 SWL (ft): 60  
 Final Level: 115 ft  
 Pump Rate: 8 GPM  
 Recom. Rate: 8 GPM

Pipe ID: 11015085  
 Pump Test ID: 996702371  
 Flowing: N  
 Pump Duration (hr): 3  
 Pump Duration (m): 0

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930758638	4	inch	STEEL	n/a	129 ft
2	930758639	4	inch	OPEN HOLE	n/a	230 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	BOULDERS	CLAY	n/a	n/a	0	10 ft
2	CLAY	STONES	n/a	n/a	10	45 ft
3	CLAY	n/a	n/a	GREY	45	70 ft
4	CLAY	n/a	n/a	BROWN	70	82 ft
5	CLAY	n/a	n/a	GREY	82	100 ft
6	STONES	n/a	n/a	n/a	100	110 ft
7	HARDPAN	n/a	n/a	n/a	110	125 ft
8	LIMESTONE	n/a	n/a	BROWN	125	190 ft
9	LIMESTONE	n/a	n/a	BLACK	190	205 ft
10	LIMESTONE	n/a	n/a	GREY	205	230 ft

End of Record

17	Easting:	570646.30	Latitude: 43.47986 Longitude: -80.196807	Well ID: <b>6702496</b>
	Northing:	4828479.00		
	Elev (masl):	347.01		

## LOCATION

Lot: 013  
 Con: 07  
 Municipality: WELLINGTON  
 Township: PUSLINCH TOWNSHIP  
 Street:  
 City: n/a

Tag:  
 Audit No:  
 Contractor License: 2414  
 Well Completion Date: 10-22-1957  
 Received Date: 12-30-1957

## WELL

Well Status: Water Supply  
 Prim. Use: n/a  
 Sec. Use: Domestic  
 Boring Method: Cable Tool

Well Depth (m): 39.0144  
 Depth to Bedrock (m): 125  
 Depth to Water: ft  
 Water Kind: FRESH

## PUMP TEST

Test Method: CLEAR  
 Pump Set (m): n/a  
 SWL (ft): 50  
 Final Level: 53 ft  
 Pump Rate: 15 GPM  
 Recom. Rate: n/a GPM

Pipe ID: 11015209  
 Pump Test ID: 996702496  
 Flowing: N  
 Pump Duration (hr): 2  
 Pump Duration (m): 30

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930758888	5	inch	STEEL	n/a	125 ft
2	930758889	5	inch	OPEN HOLE	n/a	128 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	BOULDERS	n/a	n/a	n/a	0	28 ft
2	MEDIUM SAND	GRAVEL	n/a	n/a	28	57 ft
3	SILT	MEDIUM SAND	n/a	n/a	57	69 ft
4	CLAY	n/a	n/a	BROWN	69	80 ft
5	SILT	MEDIUM SAND	n/a	n/a	80	95 ft
6	SILT	STONES	n/a	n/a	95	108 ft
7	MEDIUM SAND	GRAVEL	n/a	n/a	108	120 ft
8	GRAVEL	n/a	n/a	n/a	120	122 ft

9	SILT	n/a	n/a	n/a	122	125	ft
10	LIMESTONE	n/a	n/a	BROWN	125	128	ft

End of Record

<b>17</b>	Easting:	570465.30	Latitude:	43.478665	Well ID: <b>6702498</b>
	Northing:	4829589.00	Longitude:	-80.193249	
	Elev (masl):	345.58			

<b>LOCATION</b>	Lot:	014	Tag:	
	Con:	07	Audit No:	
	Municipality:	WELLINGTON	Contractor License:	2414
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	01-26-1959
	Street:		Received Date:	02-09-1959
City:	n/a			

<b>WELL</b>	Well Status:	Water Supply	Well Depth (m):	46.3296
	Prim. Use:	n/a	Depth to Bedrock (m):	137
	Sec. Use:	Domestic	Depth to Water:	ft
	Boring Method:	Cable Tool	Water Kind:	FRESH

<b>PUMP TEST</b>	Test Method:	CLEAR	Pipe ID:	11015211
	Pump Set (m):	n/a	Pump Test ID:	996702498
	SWL (ft)	70	Flowing:	N
	Final Level:	70 ft	Pump Duration (hr):	2
	Pump Rate:	10 GPM	Pump Duration (m):	30
	Recom. Rate:	n/a GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930758892	4	inch	STEEL	n/a	144 ft
2	930758893	4	inch	OPEN HOLE	n/a	152 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	GRAVEL	BOULDERS	n/a	0	10 ft
2	MEDIUM SAND	BOULDERS	n/a	n/a	10	22 ft
3	FINE SAND	n/a	n/a	n/a	22	45 ft
4	GRAVEL	n/a	n/a	n/a	45	67 ft
5	MEDIUM SAND	n/a	n/a	n/a	67	81 ft
6	CLAY	n/a	n/a	BROWN	81	93 ft
7	HARDPAN	n/a	n/a	n/a	93	97 ft
8	CLAY	SILT	n/a	n/a	97	133 ft
9	HARDPAN	n/a	n/a	n/a	133	137 ft
10	LIMESTONE	n/a	n/a	BROWN	137	152 ft

End of Record

<b>17</b>	Easting:	570017.30	Latitude:	43.477305	Well ID: <b>6702499</b>
	Northing:	4829364.00	Longitude:	-80.191969	
	Elev (masl):	340.82			

<b>LOCATION</b>	Lot:	014	Tag:	
	Con:	07	Audit No:	
	Municipality:	WELLINGTON	Contractor License:	1906
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	09-01-1967
	Street:		Received Date:	09-07-1967
City:	n/a			

<b>WELL</b>	Well Status:	Water Supply	Well Depth (m):	20.4216
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	Cable Tool	Water Kind:	FRESH

<b>PUMP TEST</b>	Test Method:	CLEAR	Pipe ID:	11015212
	Pump Set (m):	n/a	Pump Test ID:	996702499
	SWL (ft)	50	Flowing:	N
	Final Level:	56 ft	Pump Duration (hr):	2
	Pump Rate:	12 GPM	Pump Duration (m):	0
	Recom. Rate:	n/a GPM		

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930758894	5	inch	STEEL	n/a	67 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	STONES	CLAY	GRAVEL	n/a	0	40 ft
2	MEDIUM SAND	n/a	n/a	n/a	40	45 ft
3	GRAVEL	n/a	n/a	n/a	45	51 ft
4	MEDIUM SAND	n/a	n/a	n/a	51	60 ft
5	STONES	GRAVEL	n/a	n/a	60	67 ft

End of Record

17	Easting:	563221.30	Latitude: 43.477046 Longitude: -80.199948	Well ID: <b>6703187</b>
	Northing:	4824257.00		
	Elev (masl):	344.26		
LOCATION	Lot:	020	Tag: Audit No: Contractor License: 2406 Well Completion Date: 07-31-1968 Received Date: 09-09-1968	
	Con:	04		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 57.912 Depth to Bedrock (m): 140 Depth to Water: ft Water Kind: FRESH	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	Cable Tool		
PUMP TEST	Test Method:	CLEAR	Pipe ID: 11015899 Pump Test ID: 996703187 Flowing: N Pump Duration (hr): 0 Pump Duration (m): 45	
	Pump Set (m):	n/a		
	SWL (ft)	69		
	Final Level:	100 ft		
	Pump Rate:	6 GPM		
	Recom. Rate:	6 GPM		

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930760192	4	inch	STEEL	n/a	148 ft
2	930760193	4	inch	OPEN HOLE	n/a	190 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	60 ft
2	CLAY	GRAVEL	n/a	BROWN	60	105 ft
3	CLAY	MEDIUM SAND	n/a	GREY	105	123 ft
4	CLAY	GRAVEL	n/a	GREY	123	140 ft
5	LIMESTONE	n/a	n/a	BROWN	140	180 ft
6	LIMESTONE	n/a	n/a	BLACK	180	190 ft

End of Record

n/a	Easting:	<null>	Latitude: 43.481661 Longitude: -80.205838	Well ID: <b>6703671</b>
	Northing:	<null>		
	Elev (masl):			
LOCATION	Lot:	020	Tag: Audit No: Contractor License: 5417 Well Completion Date: 04-18-1970 Received Date: 06-18-1970	
	Con:	04		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 47.8536 Depth to Bedrock (m): 144 Depth to Water:	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:			



PUMP TEST	Boring Method:	Cable Tool	Water Kind:	FRESH
	Test Method:	CLEAR	Pipe ID:	11016375
	Pump Set (m):	n/a	Pump Test ID	996703671
	SWL (ft)	54	Flowing:	N
	Final Level:	125 ft	Pump Duration (hr):	1
	Pump Rate:	18 GPM	Pump Duration (m):	30
	Recom. Rate:	10 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930761073	6	inch	STEEL	n/a	145 ft
2	930761074	n/a	inch	OPEN HOLE	n/a	157 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	GRAVEL	STONES	CLAY	BROWN	0	35 ft
2	MEDIUM SAND	n/a	n/a	BROWN	35	85 ft
3	CLAY	n/a	n/a	GREY	85	106 ft
4	CLAY	GRAVEL	n/a	GREY	106	144 ft
5	LIMESTONE	n/a	n/a	BROWN	144	157 ft

End of Record

17	Easting:	506293.00	Latitude: 43.477623 Longitude: -80.192398	Well ID: <b>6703865</b>
	Northing:	4869191.00		
	Elev (masl):	343.65		

LOCATION	Lot:	014	Tag:	
	Con:	07	Audit No:	
	Municipality:	WELLINGTON	Contractor License:	1906
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	10-28-1970
	Street:		Received Date:	01-08-1971
WELL	City:	n/a		
	Well Status:	Water Supply	Well Depth (m):	50.292
	Prim. Use:	n/a	Depth to Bedrock (m):	140
	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	Cable Tool	Water Kind:	FRESH
PUMP TEST	Test Method:	CLEAR	Pipe ID:	11016565
	Pump Set (m):	n/a	Pump Test ID	996703865
	SWL (ft)	70	Flowing:	N
	Final Level:	100 ft	Pump Duration (hr):	2
	Pump Rate:	8 GPM	Pump Duration (m):	0
	Recom. Rate:	7 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930761414	4	inch	STEEL	n/a	141 ft
2	930761415	n/a	inch	OPEN HOLE	n/a	165 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	1 ft
2	CLAY	GRAVEL	STONES	n/a	1	22 ft
3	CLAY	GRAVEL	n/a	n/a	22	45 ft
4	GRAVEL	MEDIUM SAND	n/a	n/a	45	70 ft
5	MEDIUM SAND	CLAY	n/a	n/a	70	99 ft
6	CLAY	n/a	n/a	GREY	99	118 ft
7	GRAVEL	CLAY	MEDIUM SAND	n/a	118	136 ft
8	GRAVEL	n/a	n/a	n/a	136	140 ft
9	LIMESTONE	n/a	n/a	n/a	140	165 ft

End of Record

17

Easting:537632.20

Northing:4837675.00

Elev (masl):345.47

Latitude:43.478683

Longitude:-80.202276

Well ID:6704249

LOCATION

Lot:020

Con:04

Municipality:WELLINGTON

Township:PUSLINCH TOWNSHIP

Street:

City:n/a

WELL

Well Status:Water Supply

Prim. Use:n/a

Sec. Use:n/a

Boring Method:Cable Tool

PUMP TEST

Test Method:CLEAR

Pump Set (m):n/a

SWL (ft)72

Final Level:145 ft

Pump Rate:8 GPM

Recom. Rate:8 GPM

Tag:

Audit No:

Contractor License:2406

Well Completion Date:06-03-1972

Received Date:06-22-1972

Well Depth (m):65.2272

Depth to Bedrock (m):172

Depth to Water:ft

Water Kind:FRESH

Pipe ID:11016932

Pump Test ID996704249

Flowing:N

Pump Duration (hr):1

Pump Duration (m):0

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930762094	4	inch	STEEL	n/a	142 ft
2	930762095	n/a	inch	OPEN HOLE	n/a	214 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	50 ft
2	CLAY	GRAVEL	n/a	BROWN	50	80 ft
3	CLAY	SAND	n/a	BROWN	80	132 ft
4	CLAY	SAND	GRAVEL	BROWN	132	172 ft
5	ROCK	n/a	n/a	BROWN	172	203 ft
6	ROCK	n/a	n/a	GREY	203	214 ft

End of Record

17	Easting:	551546.20	Latitude:	43.482785	Well ID:	6704958
	Northing:	4840805.00	Longitude:	-80.204336		
	Elev (masl):	341.78				
LOCATION	Lot:	020			Tag:	
	Con:	04			Audit No:	
	Municipality:	WELLINGTON			Contractor License:	4208
	Township:	PUSLINCH TOWNSHIP			Well Completion Date:	09-25-1973
	Street:				Received Date:	01-29-1974
WELL	City:	n/a				
	Well Status:	Water Supply			Well Depth (m):	24.384
	Prim. Use:	n/a			Depth to Bedrock (m):	n/a
	Sec. Use:	n/a			Depth to Water:	ft
	Boring Method:	Rotary (Convent.)			Water Kind:	FRESH
PUMP TEST	Test Method:	CLEAR			Pipe ID:	11017631
	Pump Set (m):	n/a			Pump Test ID	996704958
	SWL (ft)	40			Flowing:	N
	Final Level:	60 ft			Pump Duration (hr):	1
	Pump Rate:	20 GPM			Pump Duration (m):	0
	Recom. Rate:	10 GPM				

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930763291	6	inch	STEEL	n/a	80 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	SAND	n/a	BROWN	0	20 ft
2	CLAY	STONES	n/a	GREY	20	78 ft
3	GRAVEL	n/a	n/a	GREY	78	80 ft

End of Record

<b>17</b>	Easting:	553653.20
	Northing:	4842363.00
	Elev (masl):	338.98

Latitude: 43.48312  
Longitude: -80.20333

Well ID: **6705070**

LOCATION

Lot: 020  
Con: 04  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street:  
City: n/a

Tag:  
Audit No:  
Contractor License: 2336  
Well Completion Date: 04-26-1974  
Received Date: 06-01-1974

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Cable Tool

Well Depth (m): 55.7784  
Depth to Bedrock (m): 132  
Depth to Water: ft  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): n/a  
SWL (ft): 40  
Final Level: 56 ft  
Pump Rate: 10 GPM  
Recom. Rate: 10 GPM

Pipe ID: 11017739  
Pump Test ID: 996705070  
Flowing: N  
Pump Duration (hr): 1  
Pump Duration (m): 0

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930763461	5	inch	STEEL	n/a	133 ft
2	930763462	5	inch	OPEN HOLE	n/a	183 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	45 ft
2	CLAY	GRAVEL	SAND	BROWN	45	90 ft
3	GRAVEL	n/a	n/a	n/a	90	95 ft
4	CLAY	SAND	n/a	BROWN	95	132 ft
5	ROCK	n/a	n/a	BROWN	132	165 ft
6	ROCK	n/a	n/a	BROWN	165	183 ft

End of Record

<b>17</b>	Easting:	529764.10
	Northing:	4827453.00
	Elev (masl):	350.57

Latitude: 43.479454  
Longitude: -80.201758

Well ID: **6705284**

LOCATION

Lot: 020  
Con: 04  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street:  
City: n/a

Tag:  
Audit No:  
Contractor License: 2336  
Well Completion Date: 09-26-1974  
Received Date: 10-07-1974

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Rotary (Convent.)

Well Depth (m): 44.8056  
Depth to Bedrock (m): 130  
Depth to Water: ft  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): n/a  
SWL (ft): 66  
Final Level: 89 ft  
Pump Rate: 20 GPM  
Recom. Rate: 15 GPM

Pipe ID: 11017949  
Pump Test ID: 996705284  
Flowing: N  
Pump Duration (hr): 1  
Pump Duration (m): 0

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930763795	5	inch	STEEL	n/a	130 ft
2	930763796	5	inch	OPEN HOLE	n/a	147 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	1 ft
2	CLAY	SAND	STONES	BROWN	1	67 ft
3	CLAY	STONES	n/a	GREY	67	130 ft
4	ROCK	n/a	n/a	BROWN	130	147 ft

End of Record

17	Easting:	577414.30	Latitude: 43.472935 Longitude: -80.19926	Well ID: <b>6705967</b>
	Northing:	4840753.00		
	Elev (masl):	339.81		
LOCATION	Lot:	020	Tag: Audit No: Contractor License: 1906 Well Completion Date: 01-16-1976 Received Date: 04-05-1976	
	Con:	03		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 60.96 Depth to Bedrock (m): 130 Depth to Water: ft Water Kind: Not stated	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	Cable Tool		
PUMP TEST	Test Method:	CLEAR	Pipe ID: 11018619 Pump Test ID: 996705967 Flowing: N Pump Duration (hr): 3 Pump Duration (m): 0	
	Pump Set (m):	n/a		
	SWL (ft)	56		
	Final Level:	56 ft		
	Pump Rate:	11 GPM		
	Recom. Rate:	11 GPM		

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930764871	5	inch	STEEL	n/a	140 ft
2	930764872	n/a	inch	OPEN HOLE	n/a	200 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	GRAVEL	BOULDERS	BROWN	0	50 ft
2	FINE SAND	n/a	n/a	BROWN	50	110 ft
3	SAND	GRAVEL	n/a	n/a	110	130 ft
4	SHALE	LIMESTONE	n/a	BROWN	130	140 ft
5	ROCK	n/a	n/a	GREY	140	180 ft
6	ROCK	n/a	n/a	WHITE	180	200 ft

End of Record

17	Easting:	563974.30	Latitude: 43.476333 Longitude: -80.20107	Well ID: <b>6706533</b>
	Northing:	4813563.00		
	Elev (masl):	344.85		
LOCATION	Lot:	020	Tag: Audit No: Contractor License: 5469 Well Completion Date: 09-06-1977 Received Date: 10-17-1977	
	Con:	04		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 48.768 Depth to Bedrock (m): 154 Depth to Water: ft	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:			

**Boring Method:** Rotary (Convent.) **Water Kind:** FRESH

**Test Method:** CLEAR **Pipe ID:** 11019180

**Pump Set (m):** n/a **Pump Test ID:** 996706533

**SWL (ft):** 70 **Flowing:** N

**Final Level:** 82 ft **Pump Duration (hr):** 1

**Pump Rate:** 20 GPM **Pump Duration (m):** 30

**Recom. Rate:** 10 GPM

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930765772	5	inch	STEEL	n/a	155 ft
2	930765773	5	inch	OPEN HOLE	n/a	160 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	1 ft
2	SAND	GRAVEL	n/a	BROWN	1	73 ft
3	SAND	GRAVEL	CLAY	GREY	73	147 ft
4	CLAY	HARDPAN	n/a	GREY	147	154 ft
5	LIMESTONE	n/a	n/a	BROWN	154	160 ft

End of Record

<b>17</b>	<b>Easting:</b>	<b>559154.20</b>	<b>Latitude:</b> 43.471799 <b>Longitude:</b> -80.196432	<b>Well ID:</b> <b>6706982</b>
	<b>Northing:</b>	<b>4818283.00</b>		
	<b>Elev (masl):</b>	<b>335.02</b>		

**LOCATION**

**Lot:** 021 **Tag:**

**Con:** 03 **Audit No:**

**Municipality:** WELLINGTON **Contractor License:** 2336

**Township:** PUSLINCH TOWNSHIP **Well Completion Date:** 04-17-1979

**Street:** **Received Date:** 06-01-1979

**City:** n/a

**WELL**

**Well Status:** Water Supply **Well Depth (m):** 52.1208

**Prim. Use:** n/a **Depth to Bedrock (m):** n/a

**Sec. Use:** n/a **Depth to Water:** ft

**Boring Method:** Cable Tool **Water Kind:** FRESH

**PUMP TEST**

**Test Method:** CLEAR **Pipe ID:** 11019618

**Pump Set (m):** n/a **Pump Test ID:** 996706982

**SWL (ft):** 60 **Flowing:** N

**Final Level:** 75 ft **Pump Duration (hr):** 1

**Pump Rate:** 10 GPM **Pump Duration (m):** 0

**Recom. Rate:** 10 GPM

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930766499	5	inch	STEEL	n/a	128 ft
2	930766500	5	inch	OPEN HOLE	n/a	171 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	1 ft
2	CLAY	STONES	n/a	BROWN	1	47 ft
3	CLAY	GRAVEL	n/a	BROWN	47	75 ft
4	CLAY	GRAVEL	n/a	GREY	75	128 ft
5	STONES	LIGHT-COLOURED	n/a	BROWN	128	158 ft
6	STONES	DARK-COLOURED	n/a	BROWN	158	171 ft

End of Record

<b>17</b>	<b>Easting:</b>	<b>552953.10</b>	<b>Latitude:</b> 43.47464 <b>Longitude:</b> -80.190706	<b>Well ID:</b> <b>6707737</b>
	<b>Northing:</b>	<b>4823044.00</b>		
	<b>Elev (masl):</b>	<b>340.69</b>		

LOCATION	Lot:	022	Tag:	
	Con:	03	Audit No:	
	Municipality:	WELLINGTON	Contractor License:	4208
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	11-13-1982
WELL	Street:		Received Date:	02-01-1983
	City:	n/a		
	Well Status:	Water Supply	Well Depth (m):	47.8536
	Prim. Use:	n/a	Depth to Bedrock (m):	127
PUMP TEST	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	Rotary (Air)	Water Kind:	FRESH
	Test Method:	CLEAR	Pipe ID:	11020326
	Pump Set (m):	n/a	Pump Test ID	996707737
	SWL (ft)	73	Flowing:	N
	Final Level:	150 ft	Pump Duration (hr):	1
	Pump Rate:	5 GPM	Pump Duration (m):	0
	Recom. Rate:	n/a GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930767719	6	inch	STEEL	n/a	127 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	TOPSOIL	STONES	BROWN	0	30 ft
2	CLAY	n/a	n/a	GREY	30	80 ft
3	CLAY	GRAVEL	HARDPAN	GREY	80	127 ft
4	LIMESTONE	n/a	n/a	GREY	127	157 ft

End of Record

17	Easting:	549114.10
	Northing:	4837773.00
	Elev (masl):	345.04

Latitude: 43.478141  
Longitude: -80.202035

Well ID: **6708005**

LOCATION	Lot:	020	Tag:	
	Con:	04	Audit No:	
	Municipality:	WELLINGTON	Contractor License:	2336
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	08-05-1982
WELL	Street:		Received Date:	07-04-1983
	City:	n/a		
	Well Status:	Water Supply	Well Depth (m):	74.3712
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
PUMP TEST	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	Rotary (Air)	Water Kind:	FRESH
	Test Method:	CLEAR	Pipe ID:	11020539
	Pump Set (m):	n/a	Pump Test ID	996708005
	SWL (ft)	95	Flowing:	N
	Final Level:	160 ft	Pump Duration (hr):	1
	Pump Rate:	5 GPM	Pump Duration (m):	0
	Recom. Rate:	4 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930768113	4	inch	OPEN HOLE	n/a	244 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	PREV. DRILLED	n/a	n/a	n/a	0	214 ft
2	STONES	n/a	n/a	GREY	214	244 ft

End of Record



<b>17</b>	Easting:	556464.20
	Northing:	4833523.00
	Elev (masl):	343.61

Latitude: 43.478977  
Longitude: -80.19536

Well ID: **6708329**

LOCATION

Lot: 014  
Con: 07  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street:  
City: n/a

Tag:  
Audit No:  
Contractor License: 4207  
Well Completion Date: 09-18-1985  
Received Date: 01-09-1986

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Rotary (Air)

Well Depth (m): 35.3568  
Depth to Bedrock (m): n/a  
Depth to Water: ft  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): n/a  
SWL (ft): 55  
Final Level: 110 ft  
Pump Rate: 50 GPM  
Recom. Rate: 20 GPM

Pipe ID: 11020808  
Pump Test ID: 996708329  
Flowing: N  
Pump Duration (hr): 1  
Pump Duration (m): 0

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930768573	6	inch	STEEL	n/a	116 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	GRAVEL	n/a	BROWN	0	20 ft
2	GRAVEL	CLAY	n/a	GREY	20	80 ft
3	CLAY	n/a	n/a	GREY	80	105 ft
4	GRAVEL	SAND	CLAY	GREY	105	114 ft
5	GRAVEL	n/a	n/a	n/a	114	116 ft

End of Record

<b>17</b>	Easting:	528613.10
	Northing:	4831373.00
	Elev (masl):	339.74

Latitude: 43.476651  
Longitude: -80.18859

Well ID: **6708738**

LOCATION

Lot: 015  
Con: 07  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street:  
City: n/a

Tag:  
Audit No: NA  
Contractor License: 4207  
Well Completion Date: 11-18-1986  
Received Date: 04-02-1987

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Rotary (Air)

Well Depth (m): 22.86  
Depth to Bedrock (m): n/a  
Depth to Water: ft  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): n/a  
SWL (ft): 51  
Final Level: 72 ft  
Pump Rate: 30 GPM  
Recom. Rate: 15 GPM

Pipe ID: 11021198  
Pump Test ID: 996708738  
Flowing: N  
Pump Duration (hr): 1  
Pump Duration (m): n/a

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930769271	6	inch	STEEL	n/a	75 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	22 ft
2	CLAY	GRAVEL	SAND	BROWN	22	70 ft

3 GRAVEL n/a n/a n/a 70 75 ft

End of Record

17	Easting:	561698.20	Latitude: 43.482254 Longitude: -80.20438	Well ID: <b>6711686</b>
	Northing:	4812783.00		
	Elev (masl):	341.19		
LOCATION	Lot:	020	Tag: Audit No: 154161 Contractor License: 2336 Well Completion Date: 01-27-1995 Received Date: 03-13-1995	
	Con:	04		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 48.1584 Depth to Bedrock (m): 130 Depth to Water: ft Water Kind: FRESH	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	Rotary (Air)		
PUMP TEST	Test Method:	CLEAR	Pipe ID: 11024089 Pump Test ID: 996711686 Flowing: N Pump Duration (hr): 3 Pump Duration (m): n/a	
	Pump Set (m):	n/a		
	SWL (ft)	48		
	Final Level:	58 ft		
	Pump Rate:	10 GPM		
	Recom. Rate:	10 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930774548	6	inch	STEEL	n/a	131 ft
2	930774549	6	inch	OPEN HOLE	n/a	158 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	25 ft
2	SAND	GRAVEL	n/a	BROWN	25	50 ft
3	SAND	n/a	n/a	BROWN	50	70 ft
4	CLAY	GRAVEL	n/a	GREY	70	85 ft
5	CLAY	n/a	n/a	GREY	85	130 ft
6	ROCK	n/a	n/a	BROWN	130	145 ft
7	ROCK	n/a	n/a	BROWN	145	158 ft

End of Record

n/a	Easting:	<null>	Latitude: 43.473989 Longitude: -80.194168	Well ID: <b>6713680</b>
	Northing:	<null>		
	Elev (masl):	337.56		
LOCATION	Lot:	021	Tag: Audit No: 224159 Contractor License: 2336 Well Completion Date: 05-16-2001 Received Date: 06-11-2001	
	Con:	03		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:			
WELL	City:	n/a	Well Depth (m): 42.672 Depth to Bedrock (m): 121 Depth to Water: ft Water Kind: FRESH	
	Well Status:	Water Supply		
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	Rotary (Air)		
PUMP TEST	Test Method:	CLEAR	Pipe ID: 11026083 Pump Test ID: 996713680 Flowing: N Pump Duration (hr): 1 Pump Duration (m): n/a	
	Pump Set (m):	n/a		
	SWL (ft)	49		
	Final Level:	52 ft		
	Pump Rate:	16 GPM		
	Recom. Rate:	15 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
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1	930778060	6	inch	STEEL	n/a	n/a	ft
2	930778061	6	inch	OPEN HOLE	n/a	n/a	ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	18 ft
2	SAND	GRAVEL	BOULDERS	BROWN	18	65 ft
3	CLAY	SAND	n/a	GREY	65	105 ft
4	CLAY	GRAVEL	n/a	GREY	105	121 ft
5	ROCK	n/a	n/a	BROWN	121	140 ft

End of Record

<b>17</b>	Easting:	550204.20	Latitude: 43.481077 Longitude: -80.204664	Well ID: <b>6714646</b>
	Northing:	4843774.00		
	Elev (masl):	338.14		

LOCATION	Lot:	020	Tag:	
	Con:	04	Audit No:	257970
	Municipality:	WELLINGTON	Contractor License:	2663
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	10-08-2003
	Street:		Received Date:	10-28-2003
	City:	n/a		
WELL	Well Status:	Water Supply	Well Depth (m):	60.96
	Prim. Use:	n/a	Depth to Bedrock (m):	122
	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	Rotary (Air)	Water Kind:	FRESH
PUMP TEST	Test Method:	CLEAR	Pipe ID:	11096767
	Pump Set (m):	n/a	Pump Test ID	996714646
	SWL (ft)	52	Flowing:	N
	Final Level:	110 ft	Pump Duration (hr):	1
	Pump Rate:	20 GPM	Pump Duration (m):	0
	Recom. Rate:	20 GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930779408	6	inch	STEEL	n/a	n/a ft
2	930779409	6	inch	OPEN HOLE	n/a	n/a ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	1 ft
2	CLAY	SAND	STONES	BROWN	1	15 ft
3	CLAY	GRAVEL	n/a	BROWN	15	35 ft
4	GRAVEL	SAND	n/a	BROWN	35	65 ft
5	CLAY	STONES	GRAVEL	BROWN	65	122 ft
6	LIMESTONE	SOFT	FRACTURED	BROWN	122	140 ft
7	LIMESTONE	n/a	n/a	BROWN	140	180 ft
8	LIMESTONE	n/a	n/a	GREY	180	200 ft

End of Record

<b>17</b>	Easting:	542321.00	Latitude: 43.481077 Longitude: -80.204664	Well ID: <b>6714656</b>
	Northing:	4832586.00		
	Elev (masl):	338.14		

LOCATION	Lot:	020	Tag:	
	Con:	04	Audit No:	257059
	Municipality:	WELLINGTON	Contractor License:	2644
WELL	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	07-25-2003
	Street:		Received Date:	10-15-2003
	City:	n/a		
PUMP TEST	Well Status:	Observation Wells	Well Depth (m):	39.0144
	Prim. Use:	n/a	Depth to Bedrock (m):	108
	Sec. Use:		Depth to Water:	ft

V Boring Method: Rotary (Convent.)

Water Kind: FRESH

PUMP TEST  
Test Method: CLEAR  
Pump Set (m): n/a  
SWL (ft): 42  
Final Level: 120 ft  
Pump Rate: 1 GPM  
Recom. Rate: 1 GPM

Pipe ID: 11096777  
Pump Test ID: 996714656  
Flowing: N  
Pump Duration (hr): 1  
Pump Duration (m): 0

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930779430	6	inch	STEEL	n/a	n/a ft
2	930779431	2	inch	PLASTIC	n/a	n/a ft
3	930779432	2	inch	PLASTIC	n/a	n/a ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	n/a	0	2 ft
2	SILT	GRAVEL	n/a	RED	2	18 ft
3	SILT	SAND	n/a	BROWN	18	23 ft
4	SILT	GRAVEL	UNKNOWN TYPE	BROWN	23	44 ft
5	SILT	SAND	n/a	BROWN	44	56 ft
6	SILT	SAND	n/a	BROWN	56	72 ft
7	SILT	SAND	n/a	GREY	72	79 ft
8	SAND	CLAY	STONES	GREY	79	93 ft
9	CLAY	SAND	STONES	GREY	93	108 ft
10	LIMESTONE	n/a	n/a	BROWN	108	128 ft

End of Record

17	Easting:	562705.30
	Northing:	4813809.00
	Elev (masl):	341.59

Latitude: 43.482987  
Longitude: -80.199663

Well ID: **6715026**

LOCATION  
Lot: 012  
Con: 07  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street: CRAWLEY RD & CLAIR RD WEST  
City: GUELPH

Tag:  
Audit No: Z10330  
Contractor License: 2336  
Well Completion Date: 08-13-2004  
Received Date: 09-10-2004

WELL  
Well Status: Abandoned-Other  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Other Method

Well Depth (m): 0  
Depth to Bedrock (m): n/a  
Depth to Water:  
Water Kind:

PUMP TEST  
Test Method:  
Pump Set (m):  
SWL (ft):  
Final Level:  
Pump Rate:  
Recom. Rate:

Pipe ID:  
Pump Test ID:  
Flowing:  
Pump Duration (hr):  
Pump Duration (m):

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930852869	2	cm	PLASTIC	0	15 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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End of Record

<b>17</b>	<b>Easting:</b>	<b>567550.20</b>	<b>Latitude: 43.482987</b> <b>Longitude: -80.199663</b>		<b>Well ID: 6715027</b>	
	<b>Northing:</b>	<b>4807862.00</b>				
	<b>Elev (masl):</b>	<b>341.59</b>				

<b>LOCATION</b>	<b>Lot:</b>	<b>012</b>	<b>Tag:</b>	
	<b>Con:</b>	<b>07</b>	<b>Audit No:</b>	<b>Z10331</b>
	<b>Municipality:</b>	<b>WELLINGTON</b>	<b>Contractor License:</b>	<b>2336</b>
	<b>Township:</b>	<b>PUSLINCH TOWNSHIP</b>	<b>Well Completion Date:</b>	<b>08-13-2004</b>
	<b>Street:</b>	<b>CRAWLEY RD AND CLAIR RD WEST</b>	<b>Received Date:</b>	<b>09-10-2004</b>
<b>WELL</b>	<b>City:</b>	<b>GUELPH</b>		
	<b>Well Status:</b>	<b>Abandoned-Other</b>	<b>Well Depth (m):</b>	<b>0</b>
	<b>Prim. Use:</b>	<b>n/a</b>	<b>Depth to Bedrock (m):</b>	<b>n/a</b>
	<b>Sec. Use:</b>	<b>n/a</b>	<b>Depth to Water:</b>	
	<b>Boring Method:</b>	<b>Other Method</b>	<b>Water Kind:</b>	
<b>PUMP TEST</b>	<b>Test Method:</b>		<b>Pipe ID:</b>	
	<b>Pump Set (m):</b>		<b>Pump Test ID</b>	
	<b>SWL (ft)</b>		<b>Flowing:</b>	
	<b>Final Level:</b>		<b>Pump Duration (hr):</b>	
	<b>Pump Rate:</b>		<b>Pump Duration (m):</b>	
	<b>Recom. Rate:</b>			

**CASING DETAILS**  
*Layer Value of "0" denotes a Null value and cannot be stratified and ordered.*

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930852870	2	inch	PLASTIC	0	23 m

**FORMATION DETAILS**  
*Layer Value of "0" denotes a Null value and cannot be stratified and ordered.*

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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**End of Record**

<b>17</b>	<b>Easting:</b>	<b>518723.10</b>	<b>Latitude: 43.483887</b> <b>Longitude: -80.200863</b>		<b>Well ID: 6715124</b>	
	<b>Northing:</b>	<b>4836633.00</b>				
	<b>Elev (masl):</b>	<b>344.33</b>				

<b>LOCATION</b>	<b>Lot:</b>	<b>012</b>	<b>Tag:</b>	
	<b>Con:</b>	<b>07</b>	<b>Audit No:</b>	<b>Z10350</b>
	<b>Municipality:</b>	<b>WELLINGTON</b>	<b>Contractor License:</b>	<b>2336</b>
	<b>Township:</b>	<b>PUSLINCH TOWNSHIP</b>	<b>Well Completion Date:</b>	<b>10-04-2004</b>
	<b>Street:</b>	<b>CRAWLEY RD</b>	<b>Received Date:</b>	<b>11-04-2004</b>
<b>WELL</b>	<b>City:</b>	<b>GUELPH</b>		
	<b>Well Status:</b>	<b>Abandoned-Other</b>	<b>Well Depth (m):</b>	<b>0</b>
	<b>Prim. Use:</b>	<b>n/a</b>	<b>Depth to Bedrock (m):</b>	<b>n/a</b>
	<b>Sec. Use:</b>	<b>n/a</b>	<b>Depth to Water:</b>	
	<b>Boring Method:</b>	<b>Other Method</b>	<b>Water Kind:</b>	
<b>PUMP TEST</b>	<b>Test Method:</b>		<b>Pipe ID:</b>	
	<b>Pump Set (m):</b>		<b>Pump Test ID</b>	
	<b>SWL (ft)</b>		<b>Flowing:</b>	
	<b>Final Level:</b>		<b>Pump Duration (hr):</b>	
	<b>Pump Rate:</b>		<b>Pump Duration (m):</b>	
	<b>Recom. Rate:</b>			

**CASING DETAILS**  
*Layer Value of "0" denotes a Null value and cannot be stratified and ordered.*

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
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**FORMATION DETAILS**  
*Layer Value of "0" denotes a Null value and cannot be stratified and ordered.*

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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**End of Record**

<b>17</b>	Easting:	528694.00
	Northing:	4858445.00
	Elev (masl):	338.32

Latitude: 43.474204  
Longitude: -80.199148

Well ID: **6715386**

LOCATION

Lot: 020  
Con: 04  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street: RR#6 4620-20TH SIDE ROAD  
City: GUELPH

Tag: A017772  
Audit No: Z28965  
Contractor License: 2663  
Well Completion Date: 06-20-2005  
Received Date: 07-05-2005

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: Rotary (Air)

Well Depth (m): 54.86  
Depth to Bedrock (m): 125  
Depth to Water: n/a  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): 110  
SWL (ft): 41  
Final Level: 85.5ft  
Pump Rate: 10 GPM  
Recom. Rate: 18 GPM

Pipe ID: 11342027  
Pump Test ID: 11352991  
Flowing: n/a  
Pump Duration (hr): 1  
Pump Duration (m): n/a

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930871951	15.87	cm	STEEL	0.001	38.1 m
2	930871952	n/a	cm	OPEN HOLE	38.1	54.86 m

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	TOPSOIL	n/a	n/a	BLACK	0	0.61 m
2	SAND	n/a	n/a	BROWN	0.61	4.57 m
3	CLAY	STONES	GRAVEL	BROWN	4.57	19.81 m
4	SAND	n/a	n/a	BROWN	19.81	24.38 m
5	CLAY	GRAVEL	n/a	BROWN	24.38	27.43 m
6	GRAVEL	n/a	n/a	n/a	27.43	30.48 m
7	CLAY	SILT	n/a	BROWN	30.48	38.1 m
8	LIMESTONE	n/a	n/a	BROWN	38.1	42.67 m
9	LIMESTONE	n/a	n/a	BROWN	42.67	54.86 m
10	n/a	n/a	n/a	n/a	54.86	n/a m

End of Record

<b>17</b>	Easting:	566587.00
	Northing:	4821581.00
	Elev (masl):	345.18

Latitude: 43.478428  
Longitude: -80.201924

Well ID: **6715919**

LOCATION

Lot: 020  
Con: 04  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street: 4652 20TH SIDE ROAD, RR #6  
City: GUELPH

Tag: A033313  
Audit No: Z49310  
Contractor License: 2336  
Well Completion Date: 09-19-2006  
Received Date: 10-17-2006

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: Livestock  
Boring Method: Rotary (Air)

Well Depth (m): 42.672  
Depth to Bedrock (m): 132  
Depth to Water: ft  
Water Kind: FRESH

PUMP TEST

Test Method: CLEAR  
Pump Set (m): 100  
SWL (ft): 62  
Final Level: 72 ft  
Pump Rate: 10 GPM  
Recom. Rate: 10 GPM

Pipe ID: 11700567  
Pump Test ID: 11704086  
Flowing: n/a  
Pump Duration (hr): 1  
Pump Duration (m): n/a



### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930892124	6	inch	STEEL	-1.333	133 ft
2	930892125	n/a	inch	OPEN HOLE	133	140 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	CLAY	STONES	n/a	BROWN	0	25 ft
2	GRAVEL	SAND	n/a	BROWN	25	78 ft
3	SAND	n/a	n/a	BROWN	78	85 ft
4	CLAY	SAND	n/a	GREY	85	128 ft
5	GRAVEL	SAND	GRAVEL	GREY	128	132 ft
6	ROCK	FRACTURED	n/a	BROWN	132	140 ft

End of Record

17	Easting:	623954.00	Latitude: 43.474872 Longitude: -80.187876	Well ID: <b>7041087</b>
	Northing:	4835866.00		
	Elev (masl):	339.83		
LOCATION	Lot:	n/a	Tag: A049753 Audit No: Z64828 Contractor License: 6894 Well Completion Date: 03-27-2007 Received Date: 02-15-2007	
	Con:	n/a		
	Municipality:	WELLINGTON		
	Township:	GUELPH CITY		
	Street:	100M OF INTERSECTION OF MALTBY RD & CRAWLEY F		
WELL	City:	GUELPH	Well Depth (m): 99.92 Depth to Bedrock (m): n/a Depth to Water: Water Kind:	
	Well Status:	Observation Wells		
	Prim. Use:	n/a		
	Sec. Use:	n/a		
PUMP TEST	Boring Method:	Diamond	Pipe ID: Pump Test ID Flowing: Pump Duration (hr): Pump Duration (m):	
	Test Method:			
	Pump Set (m):			
	SWL (ft)			
	Final Level:			
	Pump Rate:			
	Recom. Rate:			

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930896236	2.54	cm	PLASTIC	0	85.33 m

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	SILTY	TILL	n/a	0	12.19 m
2	n/a	n/a	n/a	n/a	12.19	19.81 m
3	n/a	n/a	n/a	n/a	19.81	34.75 m
4	n/a	n/a	n/a	n/a	34.75	40.84 m
5	n/a	n/a	n/a	n/a	40.84	54.5 m
6	n/a	n/a	n/a	n/a	54.5	98.4 m
7	n/a	n/a	n/a	n/a	98.4	99.92 m

End of Record

17	Easting:	625628.00	Latitude: 43.474872 Longitude: -80.187876	Well ID: <b>7041088</b>
	Northing:	4940048.00		
	Elev (masl):	339.83		
LOCATION	Lot:	n/a	Tag: A049753 Audit No: Z64827 Contractor License: 6894 Well Completion Date: 03-27-2007 Received Date: 02-15-2007	
	Con:	n/a		
	Municipality:	WELLINGTON		
	Township:	GUELPH CITY		
	Street:	100M OF INTERSECTION MALTBY RD & CRAWLEY RD		
	City:	GUELPH		

WELL

Well Status: Observation Wells  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: Diamond

Well Depth (m): 64  
 Depth to Bedrock (m): n/a  
 Depth to Water:  
 Water Kind:

PUMP TEST

Test Method:  
 Pump Set (m):  
 SWL (ft)  
 Final Level:  
 Pump Rate:  
 Recom. Rate:

Pipe ID:  
 Pump Test ID  
 Flowing:  
 Pump Duration (hr):  
 Pump Duration (m):

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930896237	2.54	cm	PLASTIC	0	60.95 m

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	SILTY	TILL	n/a	0	12.19 m
2	n/a	n/a	n/a	n/a	12.19	19.81 m
3	n/a	n/a	n/a	n/a	19.81	34.75 m
4	n/a	n/a	n/a	n/a	34.75	40.84 m
5	n/a	n/a	n/a	n/a	40.84	54.5 m
6	n/a	n/a	n/a	n/a	54.5	64 m

End of Record

17

Easting:	582964.00
Northing:	4957466.00
Elev (masl):	339.83

Latitude: 43.474872  
 Longitude: -80.187876

Well ID: **7041089**

LOCATION

Lot: n/a  
 Con: n/a  
 Municipality: WELLINGTON  
 Township: GUELPH CITY  
 Street: 100M OF INTERSECTION MALTBY RD AND CRAWLEY R  
 City: GUELPH

Tag: A049753  
 Audit No: Z64829  
 Contractor License: 6894  
 Well Completion Date: 03-27-2007  
 Received Date: 02-15-2007

WELL

Well Status: Observation Wells  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: Diamond

Well Depth (m): 39.62  
 Depth to Bedrock (m): n/a  
 Depth to Water:  
 Water Kind:

PUMP TEST

Test Method:  
 Pump Set (m):  
 SWL (ft)  
 Final Level:  
 Pump Rate:  
 Recom. Rate:

Pipe ID:  
 Pump Test ID  
 Flowing:  
 Pump Duration (hr):  
 Pump Duration (m):

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	930896238	2.54	cm	PLASTIC	0	36.57 m

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	SILTY	TILL	n/a	0	12.19 m
2	n/a	n/a	n/a	n/a	12.19	19.81 m
3	n/a	n/a	n/a	n/a	19.81	34.75 m
4	n/a	n/a	n/a	n/a	34.75	39.62 m

End of Record

17

Easting:	553128.00
Northing:	4804512.00
Elev (masl):	339.83

Latitude: 43.474872  
 Longitude: -80.187876

Well ID: **7041090**

LOCATION	Lot:		Tag:	A049753
	Con:	n/a	Audit No:	Z64830
	Municipality:	WELLINGTON	Contractor License:	6894
	Township:	GUELPH CITY	Well Completion Date:	03-27-2007
	Street:	100M OF INTERSECTION MALTBY RD AND CRAWLEY R	Received Date:	02-15-2007
WELL	City:	GUELPH		
	Well Status:	Observation Wells	Well Depth (m):	19.81
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
	Sec. Use:	n/a	Depth to Water:	
PUMP TEST	Boring Method:	Diamond	Water Kind:	
	Test Method:		Pipe ID:	
	Pump Set (m):		Pump Test ID	
	SWL (ft)		Flowing:	
	Final Level:		Pump Duration (hr):	
	Pump Rate:		Pump Duration (m):	
	Recom. Rate:			

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	930896239	2.54	cm	PLASTIC	0	16.76 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	SILTY	TILL	n/a	0	12.19 m
2	n/a	n/a	n/a	n/a	12.19	19.81 m

End of Record

17	Easting:	481850.00	Latitude:	43.482664	Well ID: <b>7118829</b>
	Northing:	4756998.00	Longitude:	-80.198542	
	Elev (masl):	343.57			
LOCATION	Lot:	013	Tag:	A062521	
	Con:	07	Audit No:	M01231	
	Municipality:	WELLINGTON	Contractor License:	6607	
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	02-20-2008	
	Street:	SOUTHGATE DR.	Received Date:	02-02-2009	
WELL	City:	Guelph			
	Well Status:	Test Hole	Well Depth (m):	10.6	
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a	
	Sec. Use:	n/a	Depth to Water:		
PUMP TEST	Boring Method:	n/a	Water Kind:		
	Test Method:	n/a	Pipe ID:	1002741428	
	Pump Set (m):	n/a	Pump Test ID	1002741422	
	SWL (ft)	n/a	Flowing:	n/a	
	Final Level:	n/a	Pump Duration (hr):	n/a	
	Pump Rate:	n/a	Pump Duration (m):	n/a	
	Recom. Rate:	n/a			

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1002741439	n/a	n/a	PLASTIC	n/a	5.1 m
0	1002741448	n/a	n/a	PLASTIC	n/a	5.4 m
0	1002741430	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741421	n/a	n/a	PLASTIC	n/a	4.8 m
1	1002741455	5.1	cm	PLASTIC	0	6 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	FINE SAND	n/a	n/a	BROWN	0	3 m
2	SILT	TILL	DRY	BROWN	3	10.6 m

17	Easting:	558707.00	Latitude:	43.481627	Well ID: 7118829
	Northing:	4833988.00	Longitude:	-80.197072	
	Elev (masl):	343.57			
LOCATION	Lot:	013	Tag:	A062521	
	Con:	07	Audit No:	M01231	
	Municipality:	WELLINGTON	Contractor License:	6607	
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	02-21-2008	
	Street:	SOUTHGATE DR.	Received Date:	02-02-2009	
WELL	City:	Guelph			
	Well Status:	Test Hole	Well Depth (m):	0	
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a	
	Sec. Use:	n/a	Depth to Water:		
	Boring Method:	n/a	Water Kind:		
PUMP TEST	Test Method:	n/a	Pipe ID:	1002741419	
	Pump Set (m):	n/a	Pump Test ID	1002741431	
	SWL (ft)	n/a	Flowing:	n/a	
	Final Level:	n/a	Pump Duration (hr):	n/a	
	Pump Rate:	n/a	Pump Duration (m):	n/a	
	Recom. Rate:	n/a			

**CASING DETAILS**

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1002741421	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741430	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741448	n/a	n/a	PLASTIC	n/a	5.4 m
0	1002741439	n/a	n/a	PLASTIC	n/a	5.1 m
1	1002741455	5.1	cm	PLASTIC	0	6 m

**FORMATION DETAILS**

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	FINE SAND	n/a	n/a	BROWN	0	3 m
2	SILT	TILL	DRY	BROWN	3	10.6 m

17	Easting:	541514.00	Latitude: 43.477511 Longitude: -80.195704	Well ID: 7118829
	Northing:	4792596.00		
	Elev (masl):	343.55		
LOCATION	Lot:	013	Tag:	A062521
	Con:	07	Audit No:	M01231
	Municipality:	WELLINGTON	Contractor License:	6607
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	02-20-2008
	Street:	SOUTHGATE DR.	Received Date:	02-02-2009
WELL	City:	Guelph		
	Well Status:	Test Hole	Well Depth (m):	0
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
	Sec. Use:	n/a	Depth to Water:	
	Boring Method:	n/a	Water Kind:	
PUMP TEST	Test Method:	n/a	Pipe ID:	1002741446
	Pump Set (m):	n/a	Pump Test ID	1002741422
	SWL (ft)	n/a	Flowing:	n/a
	Final Level:	n/a	Pump Duration (hr):	n/a
	Pump Rate:	n/a	Pump Duration (m):	n/a
	Recom. Rate:	n/a		

**CASING DETAILS**

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
0	1002741439	n/a	n/a	PLASTIC	n/a	5.1 m
0	1002741421	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741448	n/a	n/a	PLASTIC	n/a	5.4 m
0	1002741430	n/a	n/a	PLASTIC	n/a	4.8 m

1 1002741455 5.1 cm PLASTIC 0 6 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	FINE SAND	n/a	n/a	BROWN	0	3 m
2	SILT	TILL	DRY	BROWN	3	10.6 m

End of Record

17	Easting:	590464.00	Latitude: 43.479263 Longitude: -80.1951	Well ID: <b>7118829</b>
	Northing:	4892738.00		
	Elev (masl):	343.55		
LOCATION	Lot:	013	Tag: A062521 Audit No: M01231 Contractor License: 6607 Well Completion Date: 02-22-2008 Received Date: 02-02-2009	
	Con:	07		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:	SOUTHGATE DR.		
WELL	City:	Guelph		
	Well Status:	Test Hole	Well Depth (m): 0 Depth to Bedrock (m): n/a Depth to Water: Water Kind:	
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	n/a		
PUMP TEST	Test Method:	n/a	Pipe ID: 1002741446 Pump Test ID: 1002741431 Flowing: n/a Pump Duration (hr): n/a Pump Duration (m): n/a	
	Pump Set (m):	n/a		
	SWL (ft):	n/a		
	Final Level:	n/a		
	Pump Rate:	n/a		
	Recom. Rate:	n/a		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
0	1002741448	n/a	n/a	PLASTIC	n/a	5.4 m
0	1002741421	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741430	n/a	n/a	PLASTIC	n/a	4.8 m
0	1002741439	n/a	n/a	PLASTIC	n/a	5.1 m
1	1002741455	5.1	cm	PLASTIC	0	6 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	FINE SAND	n/a	n/a	BROWN	0	3 m
2	SILT	TILL	DRY	BROWN	3	10.6 m

End of Record

17	Easting:	449904.00	Latitude: 43.482646 Longitude: -80.199865	Well ID: <b>7127899</b>
	Northing:	4756504.00		
	Elev (masl):	339.53		
LOCATION	Lot:	013	Tag: Z75436 Audit No: 1737 Contractor License: 1737 Well Completion Date: 12-11-2007 Received Date: 02-08-2008	
	Con:	07		
	Municipality:	WELLINGTON		
	Township:	PUSLINCH TOWNSHIP		
	Street:	CRAWLEY ROAD		
WELL	City:	Guelph		
	Well Status:	Abandoned-Other	Well Depth (m): 0 Depth to Bedrock (m): n/a Depth to Water: Water Kind:	
	Prim. Use:	n/a		
	Sec. Use:	n/a		
	Boring Method:	n/a		
PUMP TEST	Test Method:		Pipe ID: Pump Test ID Flowing: Pump Duration (hr): Pump Duration (m):	
	Pump Set (m):			
	SWL (ft):			
	Final Level:			
	Pump Rate:			
	Recom. Rate:			

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
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### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	n/a	n/a	n/a	n/a	0	n/a m

End of Record

n/a	Easting:	<null>
	Northing:	<null>
	Elev (masl):	345.23

Latitude: 43.478221  
Longitude: -80.192962

Well ID: **7149057**

LOCATION

Lot: 014  
Con: 07  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street: 384 CRAWLEY ROAD  
City: Guelph

Tag:  
Audit No: Z113986  
Contractor License: 2663  
Well Completion Date: 06-15-2010  
Received Date: 07-29-2010

WELL

Well Status: Abandoned-Other  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: n/a

Well Depth (m): 0  
Depth to Bedrock (m): n/a  
Depth to Water: ft  
Water Kind:

PUMP TEST

Test Method:  
Pump Set (m):  
SWL (ft)  
Final Level:  
Pump Rate:  
Recom. Rate:

Pipe ID:  
Pump Test ID  
Flowing:  
Pump Duration (hr):  
Pump Duration (m):

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
0	1003252094	n/a	inch	<null>	n/a	n/a ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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End of Record

n/a	Easting:	<null>
	Northing:	<null>
	Elev (masl):	339.22

Latitude: 43.474327  
Longitude: -80.201273

Well ID: **7170189**

LOCATION

Lot: 020  
Con: 04  
Municipality: WELLINGTON  
Township: PUSLINCH TOWNSHIP  
Street: 4636 20 SIDE RD  
City: Puslinch

Tag: A117282  
Audit No: Z132870  
Contractor License: 6013  
Well Completion Date: 08-31-2011  
Received Date: 10-18-2011

WELL

Well Status: Water Supply  
Prim. Use: n/a  
Sec. Use: n/a  
Boring Method: n/a

Well Depth (m): 0  
Depth to Bedrock (m): n/a  
Depth to Water: ft  
Water Kind:

TEST

Test Method: n/a  
Pump Set (m): n/a  
SWL (ft)

Pipe ID: 1004016432  
Pump Test ID: 1004016433  
Flowing: n/a

<b>PUMP</b>	Final Level:	50a ft	Pump Duration (hr):	n/a
	Pump Rate:	n/a GPM	Pump Duration (m):	n/a
	Recom. Rate:	n/a GPM		

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	1004016437	5	inch	STEEL	-1.5	6.5 ft
2	1004016438	5	inch	STEEL	0.6	155 ft

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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End of Record

<b>n/a</b>	Easting:	<null>	Latitude: 43.482707 Longitude: -80.203376	<b>Well ID: 7176368</b>
	Northing:	<null>		
	Elev (masl):	339.93		

<b>LOCATION</b>	Lot:	n/a	Tag:	A126034
	Con:	n/a	Audit No:	Z142933
	Municipality:	WELLINGTON	Contractor License:	7238
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	01-05-2012
	Street:		Received Date:	02-09-2012
City:	GUELPH			

<b>WELL</b>	Well Status:	Observation Wells	Well Depth (m):	16.7
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
	Sec. Use:	n/a	Depth to Water:	m
	Boring Method:	Boring	Water Kind:	

<b>PUMP TEST</b>	Test Method:		Pipe ID:	
	Pump Set (m):		Pump Test ID	
	SWL (ft)		Flowing:	
	Final Level:		Pump Duration (hr):	
	Pump Rate:		Pump Duration (m):	
	Recom. Rate:			

#### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	1004055249	5.1	cm	PLASTIC	0	13.1 m

#### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	TOPSOIL	SOFT	BROWN	0	1.5 m
2	GRAVEL	BOULDERS	HARD	BROWN	1.5	4.5 m
3	CLAY	GRAVEL	HARD	BROWN	4.5	12.1 m
4	SAND	n/a	SOFT	BROWN	12.1	16.7 m

End of Record

<b>n/a</b>	Easting:	<null>	Latitude: 43.475489 Longitude: -80.192343	<b>Well ID: 7191239</b>
	Northing:	<null>		
	Elev (masl):	341.78		

<b>LOCATION</b>	Lot:	n/a	Tag:	
	Con:	n/a	Audit No:	Z152024
	Municipality:	WELLINGTON	Contractor License:	2663
	Township:	PUSLINCH TOWNSHIP	Well Completion Date:	10-25-2012
	Street:	289 CRAWLEY RD	Received Date:	11-13-2012
City:	Guelph			

<b>WELL</b>	Well Status:	Abandoned-Other	Well Depth (m):	0
	Prim. Use:	n/a	Depth to Bedrock (m):	n/a
	Sec. Use:	n/a	Depth to Water:	ft
	Boring Method:	n/a	Water Kind:	

## PUMP TEST

Test Method:  
 Pump Set (m):  
 SWL (ft)  
 Final Level:  
 Pump Rate:  
 Recom. Rate:

Pipe ID:  
 Pump Test ID  
 Flowing:  
 Pump Duration (hr):  
 Pump Duration (m):

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
0	1004495915	n/a	inch	<null>	n/a	n/a ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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End of Record

n/a

Easting: <null>  
 Northing: <null>  
 Elev (masl): 346.89

Latitude: 43.480446  
 Longitude: -80.202033

Well ID: **7202876**

## LOCATION

Lot: 020  
 Con: 04  
 Municipality: WELLINGTON  
 Township: PUSLINCH TOWNSHIP  
 Street: 4662 20 SIDE RD N RR# 6  
 City: Guelph

Tag: A141353  
 Audit No: Z162125  
 Contractor License: 6013  
 Well Completion Date: 05-16-2013  
 Received Date: 06-10-2013

## WELL

Well Status: Water Supply  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: n/a

Well Depth (m): 0  
 Depth to Bedrock (m): n/a  
 Depth to Water: ft  
 Water Kind:

## PUMP TEST

Test Method: n/a  
 Pump Set (m): 100  
 SWL (ft): 58  
 Final Level: n/a ft  
 Pump Rate: n/a GPM  
 Recom. Rate: 8 GPM

Pipe ID: 1004921097  
 Pump Test ID: 1004921098  
 Flowing: n/a  
 Pump Duration (hr): n/a  
 Pump Duration (m): n/a

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	1004921103	5	inch	STEEL	-2.5	4 ft
2	1004921104	4	inch	STEEL	4	158 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
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End of Record

n/a

Easting: <null>  
 Northing: <null>  
 Elev (masl):

Latitude: 43.478894  
 Longitude: -80.195142

Well ID: **7316404**

## LOCATION

Lot: n/a  
 Con: n/a  
 Municipality: WELLINGTON  
 Township: GUELPH CITY  
 Street: 995 SOUTHGATE DR  
 City: Guelph

Tag: A247476  
 Audit No: Z294670  
 Contractor License: 7190  
 Well Completion Date: 07-19-2018  
 Received Date: 08-13-2018



WELL

Well Status: Observation Wells  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: Rotary (Convent.)

Well Depth (m): 10.668  
 Depth to Bedrock (m): n/a  
 Depth to Water: ft  
 Water Kind:

PUMP TEST

Test Method: n/a  
 Pump Set (m): n/a  
 SWL (ft): 31  
 Final Level: n/a ft  
 Pump Rate: n/a GPM  
 Recom. Rate: n/a GPM

Pipe ID: 1007511902  
 Pump Test ID: 1007511903  
 Flowing: n/a  
 Pump Duration (hr): n/a  
 Pump Duration (m): n/a

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	1007511909	2	inch	PLASTIC	0	25 ft
2	1007511910	4	inch	STEEL	-1	3 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	GRAVEL	SAND	n/a	BROWN	0	20 ft
2	SAND	STONES	n/a	BROWN	20	25 ft
3	GRAVEL	SAND	n/a	BROWN	25	35 ft

End of Record

n/a	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 43.482474  
 Longitude: -80.198507

Well ID: **7316405**

LOCATION

Lot: n/a  
 Con: n/a  
 Municipality: WELLINGTON  
 Township: GUELPH CITY  
 Street: 995 SOUTHGATE DR  
 City: Guelph

Tag: A237649  
 Audit No: Z294669  
 Contractor License: 7190  
 Well Completion Date: 07-19-2018  
 Received Date: 08-13-2018

WELL

Well Status: Observation Wells  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: Auger

Well Depth (m): 16.764  
 Depth to Bedrock (m): n/a  
 Depth to Water: ft  
 Water Kind:

PUMP TEST

Test Method: n/a  
 Pump Set (m): n/a  
 SWL (ft): 45  
 Final Level: n/a ft  
 Pump Rate: n/a GPM  
 Recom. Rate: n/a GPM

Pipe ID: 1007512007  
 Pump Test ID: 1007512008  
 Flowing: n/a  
 Pump Duration (hr): n/a  
 Pump Duration (m): n/a

## CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diameter	Diameter Units	Material	Top Depth	Bottom Depth
1	1007512014	2	inch	PLASTIC	0	45 ft
2	1007512015	4	inch	STEEL	-1	3 ft

## FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	GRAVEL	SAND	DENSE	BROWN	0	20 ft
2	SAND	STONES	DENSE	BROWN	20	30 ft
3	SAND	GRAVEL	DENSE	BROWN	30	55 ft

End of Record

n/a	Easting:	<null>
	Northing:	<null>
	Elev (masl):	

Latitude: 43.481695  
 Longitude: -80.199037

Well ID: **7316593**

LOCATION

Lot: n/a  
 Con: n/a  
 Municipality:

Tag: A247383  
 Audit No: Z285276  
 Contractor License: 7190

LOCAL WELL PUMP TEST

Township: GUELPH CITY  
 Street: 795 SOUTHGATE DR  
 City: Guelph

Well Completion Date: 07-19-2018  
 Received Date: 08-13-2018

Well Status: Observation Wells  
 Prim. Use: n/a  
 Sec. Use: n/a  
 Boring Method: Auger

Well Depth (m): 13.716  
 Depth to Bedrock (m): n/a  
 Depth to Water: ft  
 Water Kind:

Test Method:  
 Pump Set (m):  
 SWL (ft)  
 Final Level:  
 Pump Rate:  
 Recom. Rate:

Pipe ID:  
 Pump Test ID  
 Flowing:  
 Pump Duration (hr):  
 Pump Duration (m):

### CASING DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Case ID	Casing Diamter	Diamter Units	Material	Top Depth	Bottom Depth
1	1007419782	2	inch	PLASTIC	35	-3 ft
2	1007419783	4	inch	STEEL	1	-3 ft

### FORMATION DETAILS

Layer Value of "0" denotes a Null value and cannot be stratified and ordered.

Layer	Material	Material 2	Material 3	Colour	Top Depth	Bottom Depth
1	SAND	n/a	n/a	BROWN	0	1 ft
2	SAND	GRAVEL	n/a	BROWN	1	35 ft
3	COARSE SAND	n/a	n/a	BROWN	35	45 ft

End of Record

