

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**HAWK RIDGE DEVELOPMENT
1151 HURLWOOD LANE
SEVERN, ONTARIO**

**PREPARED FOR:
LIV (HAWK RIDGE) LP**

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1.0 EXECUTIVE SUMMARY

C.F. Crozier & Associates Inc. (Crozier) was retained by LIV (Hawk Ridge) LP (the "Client") to conduct a Phase One Environmental Site Assessment (Phase One ESA) in accordance with the requirements of Ontario Regulation 153/04: "Records of Site Condition" ("O. Reg. 153/04") in support of the proposed residential development at the property municipally addressed as 1151 Hurlwood Lane and 4331 Uthhoff Line in the Township of Severn, Ontario (the "Phase One Property" or "Site"). The location of the Phase One Property and its surroundings are illustrated on Figures 1 through 3,

Appendix A.

The Phase One Property is currently utilized as a golf course and is approximately 125.6 ha (310.4 acres) in area. The Phase One Property is bounded by agricultural lands and open space to the north, Burnside Line to the east, the proposed Inch Farm Development Lands and Highway 11 to the south, and Uthhoff Line to the west. The municipal boundary between the Township of Severn and City of Orillia is located west of the site, along Highway 11. Approximately 26 ha of the Subject Lands are proposed for re-development).

The Phase One Property was originally used for agricultural purposes since at least 1931 and was first commercially developed as a golf course in the mid-1990s. The current restaurant and maintenance building were constructed in the mid-1990s with the initial development of the golf course. The current club house was subsequently built in the late 1990s.

Surrounding properties are primarily agricultural and rural residential. Commercial and light industrial properties are present opposite Burnside Line, including a municipal works yard and natural gas pipeline meter station to the east, and a commercial retail plaza to the southeast. Further, an aggregate quarry is located west of the Phase One Property, opposite Uthhoff Line.

There are no areas of natural significance on the Phase One Property. One (1) active drinking water well provides potable water for the Phase One Property. Water for irrigation related to golf course turf and lawn maintenance is sourced from Silver Creek, which runs through the central-west area of the Site. Water is managed under a Permit to Take Water (PTTW) and is diverted from the Creek and stored in an on-Site irrigation pond for use as-needed. Records for on-Site monitoring wells installed by others indicate that the water table is shallow, ranging from 0.0 m (ground surface) to 3.2 m below ground surface (bgs). The local stratigraphy typically consists silty sand to sandy silt shallow overburden overlying deeper silty clay. Bedrock is expected to consist of shale and limestone with the bedrock interface ranging in depth from 18 to 44 m bgs.

The nearest water body is Silver Creek, located on-Site in the central-west area of the Phase One Property. Six (6) small unnamed tributaries to Silver Creek are also present on-Site. Grade slopes downwards generally to the north across the Site, towards and alongside Silver Creek with an elevation change of approximately 19 m. Based on local topography and a review of existing groundwater data, shallow, horizontal ground water flow is directed west to northwest across the Site. Local ground water flow direction can also be influenced by factors such as underground structures, ornamental features such as berms, seasonal fluctuations, soil and bedrock geology, and production/dewatering wells.

A review of historical records and information obtained from the Phase One Site reconnaissance identified the presence of seven (7) Potentially Contaminating Activities (PCAs) on-Site associated with the presence of the golf course. In addition, four (4) off-Site PCAs were identified, three (3) of which represent a potential environmental concern at the Phase One Property. These PCAs result in twelve (12) Areas of Potential Environmental Concern (APECs) as listed below:

1. APEC-1: On-Site Fertilizer Use;
2. APEC-2: On-Site Pesticide and Herbicide Use;
3. APEC-3a: Vehicle maintenance in the on-Site Maintenance Building;
4. APEC-3b: One (1) gasoline aboveground storage tank (AST) located adjacent to the Maintenance Building;
5. APEC-3c: One (1) diesel AST located adjacent to the Maintenance Building;
6. APEC-3d: Waste oil storage located adjacent to the Maintenance Building;
7. APEC-3e: Waste storage including vehicle batteries;
8. APEC-4: One (1) gasoline AST located adjacent to the golf cart parking lot;
9. APEC-5: Derelict vehicle, equipment, and scrap storage in the central area of the Site;
10. APEC-6: On-Site septic system associated with the clubhouse and restaurant buildings;
11. APEC-7: Application of de-icing salt on parking lots and pedestrian pathways; and,
12. APEC-8: Fuel storage, bulk salt storage, and vehicle maintenance located at the off-Site Municipal Works yard to the northeast of the Site.

Given the presence of APECs identified at the Phase One Property, a Phase Two ESA is required to assess soil, sediment, and groundwater quality at the Site prior to the filing of a Record of Site Condition as per the requirements of O. Reg. 153/04.

This Executive Summary provides a brief overview of the Phase One ESA findings. It is not intended to be a substitute for the complete report, nor does it detail specific issues discussed within the report. This summary is not to be adopted in lieu of reviewing the complete report and is subject to the same limitations contained in this report.

2.0 INTRODUCTION

2.1 BACKGROUND

C.F. Crozier & Associates Inc. (Crozier) was retained by LIV (Hawk Ridge) LP (the "Client") to conduct a Phase One Environmental Site Assessment (Phase One ESA) in accordance with the requirements of Ontario Regulation 153/04: "Records of Site Condition" ("O. Reg. 153/04") in support of the proposed residential development at the property municipally addressed as 1151 Hurlwood Lane and 4331 Uhthoff Line in the Township of Severn, Ontario (the "Phase One Property"). The location of the Phase One Property and its surroundings are illustrated on **Figures 1** through **3, Appendix A**.

The purpose of this Phase One ESA was to:

1. Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
2. Determine the need for a Phase Two Environmental Site Assessment (Phase Two ESA); and
3. Provide a basis for carrying out any Phase Two ESA required prior to the filing of a Record of Site Condition (RSC).

A Phase One ESA is a preliminary study in which it is sufficient to only assess those liabilities which can be documented by a visual inspection of the property and review of available sources of information relevant to the Phase One Property. The Phase One ESA does not include sampling or testing of air, soil, ground water or building materials. These analyses would usually be conducted in a Phase Two ESA and/or a Designated Substance and Hazardous Materials Survey, if warranted.

The findings presented in this report may be used subject to the qualifications stated under Section 10.0. No other party shall have the right to rely on any service provided by Crozier without prior written consent. Use of this report by any other party shall be at such party's sole risk.

2.2 PHASE ONE PROPERTY INFORMATION

The Phase One Property is approximately 125.6 ha (310.4 acres) in area and is bounded by agricultural lands and open space to the north, Burnside Line to the east, the proposed Inch Farm Development Lands and Highway 11 to the south, and Uhthoff Line to the west. The municipal boundary between the Township of Severn and City of Orillia is located west of the site, along Highway 11. Approximately 26 ha of the Subject Lands are proposed for re-development.

Surrounding properties are primarily agricultural and rural residential. Commercial and light industrial properties are present opposite Burnside Line, including a municipal works yard and natural gas pipeline meter station to the east, and a commercial retail plaza to the southeast. Further, an aggregate quarry is located west of the Phase One Property, opposite Uhthoff Line.

A copy of the legal survey of the Phase One Property is provided in **Appendix A**.

Table 1: Phase One Property Description

Item / Topic	Details
Municipal Address	1151 Hurlwood Lane, Township of Severn, Ontario 4331 Uthhoff Line, Township of Severn, Ontario
UTM Centroid Coordinates	Easting: 622978, Northing: 4943348 (Zone 17T)
Parcel Identification Numbers (PINs)	<ul style="list-style-type: none"> • 58575-0150 (LT) • 58575-0151 (LT) • 58575-0203 (LT) • 58575-0204 (LT) • 58575-0205 (LT) • 58575-0334 (LT)
Legal Description(s)	<ul style="list-style-type: none"> • PCL 1-8 SEC 51-S.O.-4; PT LT 2 CON 4 SOUTH ORILLIA PT 1 51R27783 EXCEPT PT 2 51R28633; SEVERN • PCL 1-7 SEC 51-S.O.-4; PT LT 1 CON 4 SOUTH ORILLIA PT 3 51R27783; SEVERN • PCL 50-1 SEC 51M489; BLK 50 PL 51M489 SOUTH ORILLIA; S/T RO86138, RO90681, RO956151, RO956152; SEVERN • PCL 41-1 SEC 51M489; LT 41 PL 51M489 SOUTH ORILLIA; S/T LT227615, RO1164058; SEVERN • PCL 42-1 SEC 51M489; LT 42 PL 51M489 SOUTH ORILLIA; S/T LT227615; SEVERN • BLK 49 PL 51M489 SOUTH ORILLIA, EXCEPT PTS 9, 10 & 11 PL 51R35510; S/T RO1164058, RO86138, RO86264, RO956151, RO966042; SEVERN
Area	125.6 ha (310.4 acres)
Current Owner	LIV (Hawk Ridge) LP
Client/Contact Info	Benjamin Jones LIV Communities 1005 Skyview Drive, Suite 301 Burlington, Ontario L7P 5B1 bjones@livhere.ca
Project Qualified Person	Matthew Huson, P.Geo. (Crozier)
Current Zoning	<ul style="list-style-type: none"> • OS (H1) – Open Space • C9/HR-1 – Recreational Commercial/Haul Route • EP – Environmental Protection (areas adjacent to on-Site creeks)

Table 2: Phase One Property Improvements

Item / Topic	Details
Buildings On-Phase One Property	Primary Structures: <ol style="list-style-type: none"> 1. Golf Course Clubhouse 2. Restaurant/Garage 3. Maintenance Building Outbuildings <ol style="list-style-type: none"> 1. Six (6) washrooms 2. One (1) pumphouse 3. One (1) shed housing a drilled well
Date of Construction / Major Renovations	Constructed circa late 1990s. No additions. Renovations limited to interior areas.
Subsurface levels	None
Heating / cooling	Forced-air natural gas / central air conditioning
Emergency generators	None
Utility Providers	Water: On-Site drilled well Sewer: On-Site septic systems Electricity: Hydro-One Natural Gas: Enbridge

3.0 SCOPE OF INVESTIGATION

The scope of work was conducted in general conformance with Crozier's Additional Services Workplan (ASW) #1 dated September 10, 2024. As part of this Phase One ESA, Crozier conducted historical and regulatory records research, a visual inspection of the Phase One Property and observations of the surrounding properties from publicly accessible areas and an interview with a Phase One Property Representative.

The scope of work included the following tasks:

- Conducted a review of reasonably accessible records pertaining to the current use and all past uses of the Phase One Property, such as fire insurance plans, and a Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information (FOI) request.
- Made all reasonable inquiries to obtain and review accessible information within 250 m of the boundaries of the Phase One Property (the "Study Area"), such as National Pollutant Release Inventory (NPRI) records, records of PCB storage or waste generating sites, environmental compliance approvals, environmental incidents, waste management records, Areas of Natural Significance, TSSA tank records, landfill records, aerial photographs, topographic and geologic maps, Water Well Records, etc.
- Completed a detailed Phase One Property Reconnaissance and interview with a Phase One Property Representative familiar with the existing and historical Phase One Property activities. Where applicable, the interview included topics such as Phase One Property use and operations, material/waste handling and storage, production, air emissions, water use, wastewater discharge, hazardous material handling, above and underground storage tanks, etc.
- Reviewed available previous environmental, hydrogeological, and/or geotechnical reports, if applicable.
- Prepared this Phase One ESA report containing the information obtained and any identified issues of potential environmental concern.

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 Phase One ESA Study Area Determination

The Study Area was determined to be 250 m from the Phase One Property boundaries. No surrounding property use outside of the 250 m boundary was identified which would result in the need to extend the Phase One Study Area beyond 250 m.

4.1.2 First Developed Use Determination

Based on a review of documentation, including a Chain of Title search, historic aerial photographs, and city directories, the first developed use of the Phase One Property is agricultural.

The Chain of Title search indicated that the majority of the Phase One Property was first transferred from Crown land in 1836, with the remaining portions transferred from Crown land between 1841 and 1908. Various individuals owned portions of the Phase One Property until the late 1980s or early 1990s, following which the Site was purchased by a developer and redeveloped as a golf course.

4.1.3 Fire Insurance Plans and Insurance Reports

Crozier requested a search of Fire Insurance Plans ("FIPs") and other available insurance report for the Phase One Study Area from ERIS. The search did not identify any available FIPs or insurance reports for the Phase One Property or Phase One Study Area.

A copy of the FIP and insurance report search results is provided in **Appendix C**.

4.1.4 Chain of Title

A Chain of Title search was requested as part of the Phase One ESA. However the results of the search were not available at the time of the draft Phase One ESA report. Upon receipt, Chain of Title will be reviewed and incorporated into the final version of the Phase One ESA report.

4.1.5 Environmental Reports

Crozier reviewed the following previous report related to the Phase One Property:

- *Preliminary Geotechnical Investigation Report, Proposed Residential Development, Hawkridge Heights, Severn, ON*. Prepared by Green Geotechnical Ltd., dated September 19, 2024.

A summary of the findings of the above-listed report is provided below.

2024 Geotechnical Report

The 2024 Geotechnical Report included the advancement of twenty-four (24) boreholes at the Site, twenty-three (23) of which were completed as monitoring wells. Boreholes were advanced to depths ranging from 4.5 m to 6.6 m below ground surface (bgs).

The findings of the Geotechnical Report identified the following:

- Soil at the Site generally consisted of the following stratigraphic layers in descending order:
 - Topsoil: 0.1 m to 0.5 m depth;
 - Earth fill (reworked native sand/silt/clay): 0.1 m to 2.3 m depth;
 - Silty sand, sandy silt, silt: 0.6 m to 6 m depth;
 - Silty sand/sandy silt fill: 0.6 m to 6.6 m depth; and
 - Clayey silt/silty clay: 2.2 m to 6.6 m depth.
- Grain size analysis indicated two (2) of the four (4) collected samples were identified as medium-fine grained ($\geq 50\%$ of particles $< 75\mu\text{m}$ in diameter).
- Groundwater was identified at depths ranging from 0.0 m (ground surface) to 3.2 m bgs. One borehole encountered artesian conditions and was not completed as a monitoring well.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 Freedom of Information Requests

Copies of all correspondence cited in this Section is provided in **Appendix B**.

A Freedom of information (FOI) request was filed with the MECP on September 9, 2024 for information relating to any control orders, violation notices, spills, or other environmental concerns. The MECP responded on September 24, 2024, indicating that the response time was extended for an additional 60 days to meet the search request. An additional response letter was provided by the MECP on October 1, 2024 indicating that the search request may affect the interests of a third party, and that the third party is being given an opportunity to identify concerns relating to the disclosure of information. Should the results of the MECP FOI request alter the conclusions of the Phase One ESA, the Client will be notified in writing.

A request was filed with the Ontario Technical Standards & Safety Authority (TSSA) on September 9, 2024, to obtain information on file with respect to the presence of petroleum products at the Phase One Property (i.e., liquid, and gaseous). The TSSA replied on September 9, 2024, that there are no records on file for the Phase One Property.

An FOI request to the Township of Severn was made on September 17, 2024. A response was received September 19, 2024, 2024, indicating that no environmental records or incidents are on file for the Phase One Property.

4.2.2 ERIS Report

As part of the Phase One ESA, Crozier contracted EcoLog ERIS to conduct a database search for the Phase One Property and properties within a 300 m radius of the Phase One Property boundaries.

The results of the ERIS report identified a total of twenty-five (25) records for the Phase One Property and one-hundred thirty (130) records within a 300 m radius of the Phase One Property boundaries (presented in **Appendix C**).

Records pertaining to the Phase One Property are presented in Table 3A below.

Table 3A: ERIIS Databases – Phase One Property

Database	Address	Date	Description
ECA	Orillia, ON L3V 7T5	2000	The Corporation of the City of Orillia, Municipal and Private Sewage Works.
GEN	4331 Uhthoff Line	1996-2001	Waste Generation of: <ul style="list-style-type: none"> • Class 252: Waste Oils & Lubricants
		2007-2014	<ul style="list-style-type: none"> • Class 252: Waste Oils & Lubricants
		2015-2016, 2018	<ul style="list-style-type: none"> • Class 252: Waste Oils & Lubricants • Class 221: Light Fuels
PTTW	1151 Hurlwood Lane	2005	Mark Rich Homes Ltd., Golf Course, (OWRA s. 34) – Permit to Take Water
		2018	Hawk Ridge Golf & Country Club c/o Mark Ridge Homes – Permit to Take Water
		2020	HRGCC Inc. operating as Hawk Ridge Golf & Country Club – Permit to Take Water
		2024	2800319 Ontario Inc. as general partner for and on behalf of Liv (Hawk Ridge) – Permit to Take Water
WWIS	Lot 4, Concession 4, ON	1991 - 2004	Eleven (11) well records – Domestic, Water Supply

ERIS database listings for the Phase One Property identified the following items of note:

- ECA for municipal/private sewage works. Upon further investigation, this ECA is not associated with the Site and appears to be related to municipal works within the City of Orillia, well outside of the Phase One Study Area; and
- Waste generation records relate to the presence of an on-Site vehicle service garage for the golf course. The service garage is considered to be a PCA (see Section 7.2).

Records pertaining to records for off-Site properties within the Phase One Study Area are presented in Table 3B below. Properties representing a potential environmental concern to the Phase One Property are listed in bold font.

Table 3B: ERIS Databases – Phase One Study Area

Database	Direction / Distance (m)	Date	Elev. Diff. (m)	Description
CA	E/134.4	2007	17.89	1024 Hurlwood Lane Approval for discharge to air
	E/180.3	1991	19.78	Mark Rich Homes Ltd. – West Street Municipal Sewage
	E/180.3	1998	19.78	RIOCAN Holdings Inc. Municipal Water - Cancelled
EASR	S/138.7	2014	6.71	4436 Uthhoff Line Solar Facility
ECA	E/134.4	2007	17.89	Hurlwood Lane, Orillia, ON ECA-AIR related to a natural gas standby generator.
EHS	SE/7.4	2021	10.47	Ilneh Farm/Area 3, Orillia, ON RSC Report - Quote
	ENE/203.0	2010	22.33	4337 Burnside Line, Unit 9, Orillia, ON Standard Report
FST	NE/82.5	N/A	10.42	4251 Burnside Line <ul style="list-style-type: none"> • Two (2) active listings for fibreglass USTs. Volume/contents not stated.
FSTH	NE/115.1	1988-2007	12.83	4251 Burnside Line: Private fuel outlet <ul style="list-style-type: none"> • 1 x Gasoline UST: 4,546 L, single wall • 1 x Diesel UST: 45,460 L, single wall
GEN	NE/76.7	2015 - 2016	9.87	4243 Burnside Line Waste Generation of: <ul style="list-style-type: none"> • Class 146: Other Specified Inorganics
GEN	E/190.8	1992-2001	22.39	Veterinary Hospital Waste Generation of: <ul style="list-style-type: none"> • Class 264: Photo Processing Wastes
GEN	E/190.8	2007- 2013	22.39	<ul style="list-style-type: none"> • Class 264: Photo Processing Wastes • Class 312: Pathological Wastes
GEN	E/190.8	2014-2016, 2018, 2020-2022	22.39	<ul style="list-style-type: none"> • Class 261: Pharmaceuticals • Class 263: Organic Laboratory Chemicals • Class 264: Photo Processing Wastes • Class 312: Pathological Wastes
HINC	E/121.3	2006	11.39	1060 Hurlwood Lane: Natural Gas Pipeline Strike Release of natural gas to air.
NPCB	E/134.4	N/A	17.89	1024 Hurlwood Lane PCB Storage Site
NPR2	SSW/12.9	1997, 2002, 2007, 2012, 2017 - 2022	2.08	Orillia Pit 48, 4364 Uthhoff Line, Orillia, ON Aggregate Mining and Quarrying <ul style="list-style-type: none"> • NAICS - 221 - Mining, quarrying, and oil and gas extraction • NAICS4 - 2123 - Non-metallic mineral mining and quarrying • Primary NAICS6 - 212323 - Sand and gravel mining and quarrying
OPCB	E/134.4	1999, 2000, 2003, 2004	17.89	1024 Hurlwood, Orillia, ON PCB Storage Site

Database	Direction / Distance (m)	Date	Elev. Diff. (m)	Description
PINC	E/150.6	2015	16.39	1184 Hawk Ridge Cres. Natural gas pipeline Incident - Damage
SCT	ENE/203.0	1989	22.33	Speedy Signs, 4337 Burnside Line, Unit 9 Sign Manufacturing
SCT	ENE/203.0	1979	22.33	Programmed Motion Inc., West St N RR 4 Sunset Plaza <ul style="list-style-type: none"> • Wooden Household Furniture • General Industrial Machinery and Equipment
SPL	NE/87.1	2023	14.15	1281 Hawk Ridge Rd. Natural Gas Line Strike resulting in a release to air.

ERIS database listings for off-Site properties within the Phase One Study Area identified the following item of note:

- The presence of fuel USTs located at 4251 Burnside Line, located upgradient and in close proximity to the Site (82.5 – 115 m northeast). Bulk fuel storage is considered to be a PCA (see Section 7.2).

The remaining ERIS listings were outside of the Phase One Study Area between 250 m and 300 m from the Phase One Property. These listings were related to waste generation and pesticide vendor licensing for a Canadian Tire retail store. Considering the nature of the records and significant distance from the Site, these items do not represent an environmental concern at the Phase One Property and thus the Phase One Study Area was not extended beyond 250 m to include them.

The ERIS report also included results for seventy-nine (79) unplotable listings. One (1) of these listings was related to a permit to take water at the Phase One Property. All other listings were found to be outside of the Phase One Study Area.

4.2.3 City Directories

Crozier reviewed historical city directories provided by ERIS for the Phase One Property and adjacent properties. ERIS returned an inventory of listings from Polks City Directory from 1998, 1999, and 2000 as well as the Digital Business Directory from 2012 to 2023 in 5-year intervals.

Tables 4A and **4B** below provide a summary of relevant city directory listings for the Phase One Property and surrounding properties, respectively.

The results of ERIS' City Directory Search are included in **Appendix C**.

Table 4A: City Directory Listings - Phase One Property

Year(s)	Listing or Land Use	Concerns
1998 - 2023	Hawk Ridge Golf Club	Use of pesticides, fertilizer, fuel storage, vehicle maintenance

Table 4B: City Directory Listings – Adjacent Properties

Street	Address(es)	Year(s)	Listing(s)	Concerns
Hurlwood Lane	1024	2021	Municipal Office	None
	1057	2000	Mark Rich Homes Ltd.	None
	1060, 1071, 1080, 1083, 1084, 1110	1998 - 2023	Residential	None
Uhthoff Line	4030 – 4570	1998 – 2023	Residential	None
Hawk Ridge Crescent	All	1998 – 2023	Residential	None
	1375	1999	Consortium Print & Marketing	None
	1117	2000	Office	None
Burnside Line	4260 – 4337	1998 – 2023	Commercial retail/office	None
	4260	2012	Analytical laboratory	None
	4351	1998 - 2023	Veterinary clinic	None
	4170 – 4440	1998 - 2000	Residential	None

4.2.4 Access Environment and Inventories of Coal Gasification Plants and Landfills

The Access Environment website listings identified the following:

Phase One Property:

- Three (3) Permits to Take Water (PTTWs) dated 2014, 2020, and 2024. These permits are associated with the on-Site golf course and allow for up to a maximum of 1,816,992 litres per day to be taken from Silver Creek and a by-pass irrigation pond for a maximum of 60 days per year.
- One (1) Certificate of Approval (COA) for municipal sewage works related to the installation of sanitary sewers. This COA appears to have been filed at an incorrect location in Access Environment, as is not associated with the Phase One Property. The noted location of sewer installation is greater than 250 m from the Site and thus outside of the Phase One Study Area. The Phase One Property is not currently serviced with municipal sewers.

Phase One Study Area:

- Two (2) PTTWs located approximately 200 m southwest of the Phase One Property.
 - PTTW dated 2005, associated with irrigation at Hawk Ridge Golf Course. It is noted that this property was formerly included in the golf course but has since been severed.
 - PTTW dated 2022 related to seven (7) construction dewater wells as part of an ongoing development.
- One (1) COA located adjacent to the southeast of the Site for discharge to air related to a natural gas emergency generator.

- One (1) pesticide vendor license associated with the retail sale of pesticides at a commercial shopping plaza located approximately 250 m southeast of the Site.

The Inventory of Coal Gasification Plants does not list any sites in the Phase One Study Area. The Inventory of Landfills does not list any sites within the Phase One Study Area.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Crozier reviewed historical aerial photographs (presented in **Appendix D**) of the Phase One Property and surrounding areas. A summary of information from a review of the aerial photographs is presented in Table 5.

Table 3: Aerial Photograph Review

Year	Description	Concerns
1931	A house and two (2) barns are present near the southwest border of the Phase One Property, along Uthhoff Line. The northeastern portion of the of the Phase One Property is forested and the rest of the area is being used as agricultural cropland. Adjacent lands consist of agricultural cropland, rural residential properties, or natural forested areas	Phase One Property: • Possible use of pesticides
1945	Similar to conditions in 1931.	No new issues
1967	TransCanada Pipeline (natural gas) footprint is visible across the Phase One Property from the northeast to the southeast. Additional rural residential development has occurred to the east/northeast of the Site, opposite Burnside Line. The present-day municipal works yard is now visible. Highway 11 is now present to the southeast of the Site.	Phase One Property: • No New Issues Phase One Study Area: • Fuel storage at the municipal works yard
1976	Phase One Property is similar to 1967. A parking lot associated with an off-Site commercial retail plaza is now present within the Phase One Study Area to the southeast of the Site, opposite Burnside Line	No new issues
1983	Similar to conditions in 1976. An aggregate pit appears to be active to the southwest of the Site, however it is outside of the Phase One Study Area.	No new issues
1995	Northeast portion of Site remains agricultural cropland and forest. The remaining area of Phase One Property has been developed into a golf course. The present-day maintenance building is present in the footprint of the previous barns adjacent to Uthhoff Line. The building footprint of the present-day restaurant is now visible.	Phase One Property: • Change in pesticides used, bulk fertilizer use Phase One Study Area: • No new issues

Year	Description	Concerns
	<p>A portion of the residential subdivision adjacent to the east of the central portion of the Site is now present.</p> <p>The aggregate pit to the southwest appears to have expended but remains outside of the Phase One Study Area.</p>	
2008	<p>Northeast portion of the Phase One Property developed into golf course. Present-day clubhouse building and golf cart parking area are present.</p> <p>The residential subdivision to the east of the central portion of the Site is in its present-day configuration. A golf course is now present off-Site to the southeast. The municipal works yard to the northeast has expanded.</p> <p>The aggregate pit to the southwest has undergone further expansion but remains outside of the Phase One Study Area.</p>	No new issues
2011	Phase One Property and Study Area generally similar to present-day conditions.	No new issues
2020	<p>Phase One Property similar to present-day conditions.</p> <p>The municipal works yard to the northeast has undergone expansion and is now in its present-day configuration.</p> <p>The Aggregate pit to the southwest has expanded further west and decommissioned some portions. The pit remains outside of the Phase One Study Area.</p>	No new issues

4.3.2 Topography, Hydrology, Geology

As shown on the Ontario Natural Heritage Topographic Map (**Appendix E**), typical grade elevation in the Phase One Property is approximately 230 metres above mean sea level (mAMSL). The ground surface slopes gently to the north towards and along Silver Creek which runs through the central and western areas of the Site.

According to mapping provided in the ERIS Report (**Appendix C**) and the Oak Ridges Moraine Groundwater Program (ORMGP), the Phase One Property is located within the Simcoe Lowlands Physiographic Region, a drumlinized sand plain. Bedrock is limestone, dolostone, shale, arkose, and sandstone interbeds of the Bobcaygeon Formation, part of the Shadow Lake Formation, at reported depths of 22 m to 44 m (Section 4.3.5).

The Phase One Property is located within the area covered by the Severn Sound Source Protection Authority. The Phase One Property is not located within a Wellhead Protection Area ("WHPA"), an Intake Protection Zone ("IPZ") or a Significant Ground water Recharge Area ("SGRA"). It is located above a Highly Vulnerable Aquifer ("HVA", score = 6).

Grade slopes downwards generally to the north across the Site, towards and alongside Silver Creek with an elevation change of approximately 19 m. As this is far greater than the depth to the water table on-Site, it is concluded that shallow, horizontal ground water flow is directed to the west/northwest towards and along the Creek, although interception by TransCanada Pipeline easement trench may occur in the transecting area. Actual local ground water flow direction can also be influenced by factors such as underground structures, ornamental features such as berms, seasonal fluctuations, soil and bedrock geology, and production/dewatering wells.

4.3.3 Fill Materials

No evidence of significant fill material was observed on-Site. Small quantities of fill/re-worked native material used as granular base for building foundations and parking lots/paved pathways is expected to be present. Pea gravel or clear-stone for drainage is also expected to be present in the vicinity of the on-Site septic systems.

The previous geotechnical investigation completed by others in 2024 identified that fill observed in on-Site boreholes consisted of reworked native materials comprised of sandy silt and silty sand.

4.3.4 Water Bodies and Areas of Natural Significance

The nearest water body is Silver Creek, located on the Phase One Property. Six (6) small, unnamed tributaries to Silver Creek are also present on-Site. Silver Creek and its tributaries flow approximately south to north across the Site, and off-site the creek turns west, joins North River which turns south and ultimately drains into Brass Lake approximately 2.8 km southwest of the Phase One Property.

The Ministry of Natural Resources and Forestry's on-line natural heritage mapping (**Appendix E**) indicate that there are no Areas of Natural Significance ("ANS") or other Environmentally Sensitive Areas within the Phase One Study Area. The nearest such areas, is the Earth Science Provincially Significant Area approximately 2.2 km north of the Phase One Property.

4.3.5 Well Records

A review of the MECP database of WWRs within 250 m of the boundaries of the Phase One Property (**Appendix F**) indicates:

- A total of thirty-five (35) WWRs were identified with the following identified uses:
 - One (1) agricultural irrigation well;
 - Twenty-eight (28) domestic water supply wells;
 - Three (3) abandoned wells;
 - One (1) commercial well; and
 - Two (2) wells identified as "other", associated with an animal hospital and Town Yard.
- The water table was generally reported to range from 0 m (ground surface) to 12.19 m bgs; and
- Local stratigraphy is varied, ranging from coarse materials such as sand/gravel/boulders to fine soils primarily consisting of clay. Bedrock consists of shale, limestone, and granite, and varies in depth with the bedrock interface ranging from 18 m to 42 m bgs.

4.3.6 Phase One Property Operating Records

Operating records for the Phase One Property are not required under O. Reg. 15/04 as the Phase One Property is not an enhanced investigation property as defined by O. Reg. 153/04.

5.0 INTERVIEWS

Crozier interviewed the following individual knowledgeable of the Phase One Property and current/historical on-Phase One Property operations.

Name	Title/Position	Date / Location
Mr. David White	Managing Director – Hawk Ridge Golf Course	September 19, 2024/on-Site

Mr. White was chosen to be interviewed given his familiarity with the Phase One Property and conditions through various positions at the on-Site golf course.

Mr. White noted:

- The golf course was developed starting in the mid-1990s. The original clubhouse (currently used as a restaurant) and maintenance shed have been present since that time. The current clubhouse was built circa the late 1990s/early 2000s.
- Apart from interior renovations, no major construction has occurred since the current clubhouse was built.

Additional information provided by Mr. White is incorporated into the various items within Section 6.

Crozier compared the information obtained from the interview with information obtained from historical records. Where applicable, the information provided by the Phase One Property Representative was corroborated by the available historical records. As such, Crozier has no concerns regarding the validity of the information provided by the individual interviewed for the Phase One ESA.

6.0 PHASE ONE PROPERTY RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

Crozier representatives Mr. Matthew Huson, P.Geo., a Senior Geoscientist, and Ms. Cordelia Thorne, an Environmental Scientist conducted a visual assessment of the Phase One Property and surrounding properties on September 19, 2024, between the hours of 10:15 AM and 3:15 PM. Crozier representatives were accompanied by Mr. David White, the Site Representative. The weather during the Phase One Property visit was sunny at approximately 18 degrees Celsius. No access restrictions across the Phase One Property were encountered.

The Phase One Property visit consisted of a walkthrough of all buildings on-Site, a golf cart assisted tour of the Phase One Property, and visual reconnaissance of neighbouring properties from publicly accessible areas.

Selected photographs taken during the Phase One Property Reconnaissance are presented in **Appendix G**, along with a detailed description of each photograph.

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

The Phase One Property is currently occupied by Hawk Ridge Golf Club which includes two (2) golf courses, a driving range, and associated clubhouse, restaurant, and maintenance building.

Vehicular access to the clubhouse and golf course/driving range is provided via Hurlwood Lane to the east. Vehicular access for deliveries of landscaping and maintenance supplies is provided via Uthoff Line to the west with direct access to the on-Site maintenance building.

A portion of the centre of the Site is utilized as a sod nursery as well as storage for derelict machinery and vehicles related to the golf course maintenance.

Site Features are outlined in **Figure 2** in **Appendix A**.

6.2.1 Buildings at the Phase One Property

The Phase One Property is occupied by three (3) primary buildings including a clubhouse, restaurant, and maintenance building. All buildings are one-storey and slab-on-grade construction. The clubhouse and restaurant are located in the central portion of the Phase One Property, and the maintenance building is located adjacent to the western property boundary.

Several small outbuildings are present throughout the golf course which include washrooms, a shed for the on-Site water well, and an irrigation pumphouse.

The three (3) primary buildings are heated via natural gas-fired forced air furnaces. The clubhouse is also equipped with a natural gas fireplace. The clubhouse and restaurant are cooled via central air-conditioning units and the maintenance building is cooled with window-mounted air-conditioners. The outbuildings are not heated or cooled.

The clubhouse has an adjacent paved parking lot for customer vehicles as well as a fenced paved parking lot for golf carts. A gravel parking lot is present adjacent to the maintenance building for staff use.

6.2.2 Utilities

The Phase One Property is serviced with the following utilities:

Table 4: Phase One Property Utilities

Utility	Provider/Location
Potable Water	On-Site drilled well located in the northeast corner of the Site.
Irrigation Water	Irrigation pond collects water from Silver Creek. Located in the central portion of the Site.
Sanitary Sewer	Private septic system for each of the three (3) primary buildings
Electricity	Hydro-One
Natural Gas	Enbridge Gas (Site buildings) Trans-Canada natural gas pipeline runs through the central portion of the Site

The clubhouse kitchen is equipped with a grease trap prior to discharge to the septic system.

6.2.3 Chemical, Fuel, and Vehicle Storage

Chemical storage was observed in several areas throughout the Site. Chemical storage at the clubhouse and restaurant buildings is limited to small quantities of cleaning chemicals in manufacturer-supplied containers.

Primary chemical storage on-Site is located in the maintenance building and consists of chemicals related to lawn and turf maintenance as well as vehicle repair and maintenance. Chemical storage observed in the maintenance building is summarized in the Table 7 below.

Table 7: Chemical Storage

Topic	Findings
Lawn Maintenance	<ul style="list-style-type: none"> Liquid herbicides/pesticides: ~200 x 10 L containers Liquid surfactants and hydration enhancers: ~100 x 10 L containers Non-chloride dust suppressant: 2 x 1,000 L totes Granular fertilizer: ~150 x 25 kg bags Polymeric sand: 4 x 25 kg bags Jerry cans of gas and diesel (~10 in maintenance area). No leaking containers.
Vehicle Maintenance	<ul style="list-style-type: none"> Hydraulic fluid: ~20 x 20 L pales Small quantities of cleaners/solvents/paints Fuel: ~10 x 20 L jerry cans containing gasoline or diesel Compressed gases: 1 x oxygen and 1 x acetylene tanks for welding Motor Oil (new): ~10 x 5 L containers Motor Oil (used): 4 x 205 L drums within a plastic protective containment system.

Topic	Findings
Unidentified Substance Containers	<ul style="list-style-type: none"> Two (2) pesticide hand sprayers were not labelled.

Chemicals were observed to generally be stored in manufacturer-supplied containers on shelving, pallets, within flammable storage cabinets, or on the concrete floor of the maintenance building with good housekeeping. Staining was observed on a portion of the concrete floor of the maintenance building. It was noted that sorbent had been applied to contain the material and staining was limited in area. No visible cracks or penetrations of the concrete slab were noted in the vicinity of the staining.

Several empty containers including jerry cans, 20 L hydraulic fluid pails, and 205 L (55 gallon) steel drums were observed to be stored outdoors adjacent to the maintenance building. No staining was observed in the vicinity of the empty containers. Waste oil is stored in drums located within a plastic protective container with spill containment. Waste oil is collected by a third-party waste contractor on an as-needed basis. The Site representative noted that it takes approximately two (2) years to generate sufficient waste oil for pickup.

Vehicles related to turf maintenance were observed to be stored within the maintenance building in a large garage/parking area. Golf carts were observed to be stored within a fenced, paved, parking lot area adjacent to the clubhouse.

Three (3) above-ground storage tanks (ASTs) used for fuel storage were observed to be present on-site, as outlined in Table 8 below.

Table 8: List of Aboveground Storage Tanks

Contents	Volume	Date of Manufacture	Location	Secondary Containment	Notes
Gasoline	2,200 L	2011	Adjacent to maintenance building parking lot	Yes	No damage or staining observed
Diesel	2,200 L	2011	Adjacent to maintenance building parking lot	Yes	No damage or staining observed
Gasoline	2,200 L	2011	Adjacent to golf cart parking area	No	No damage or staining observed

Fuel ASTs observed were noted to be in good condition with no evidence of leaks or spills. The secondary containment system for the ASTs located adjacent to the maintenance building was noted to have piping used for drainage of rainwater. No staining was observed in the vicinity of the piping.

No underground storage tanks (USTs) were observed or report at the Phase One Property.

6.2.4 Solid and Liquid Waste

General non-hazardous waste, recycling, and waste cooking grease generated at the Phase One Property is stored in dedicated bins located in an enclosed compound north of the clubhouse. Bins are emptied by a third-party contractor on an as-needed basis.

Liquid waste and hazardous solid waste related to vehicle maintenance activities, such as waste oil and lead-acid batteries, are generated in small quantities on-Site and stored on pallets or in sealed containers prior to off-Site disposal by a licensed third-party contractor.

6.2.5 Hydraulic Equipment

Hydraulic equipment at the Phase One Property consists of the following:

- One (1) hydraulic vehicle lift with an above-ground self-contained hydraulic fluid system; and,
- Landscaping vehicles and equipment with hydraulically powered parts.

No spills related to hydraulic equipment was reported, and no evidence of hydraulic leaks or spills were observed during the Site reconnaissance.

6.2.6 Water and Wastewater

Information related to water and wastewater at the Phase One Property are summarized in **Table 9** below.

Table 9: Water and Wastewater

Topic	Findings
Water Supply	One (1) supply well in the northeast corner of the property supplies the three (3) primary Site buildings. Water for irrigation purposes is captured in the Irrigation Pond which is supplied by rain and pumped from Silver Creek according to permit allowances.
Wells	Twenty-three (23) monitoring wells were installed during a previous geotechnical investigation by others in 2024. Two (2) of these wells were observed during the Site reconnaissance. The Phase One Property source water well was observed, as well as two (2) water supply wells that are not currently being used.
Wastewater / Sanitary	Two (2) septic systems were reported to be present at the Site which service the clubhouse and restaurant, respectively. The septic systems were reported to be located to the west of the clubhouse.
Storm Water	Stormwater is generally managed via overland flow into the on-Site creeks and water hazards. French drains were observed in the north end of the Site. These drains appear to manage flooding on the golf course and drain into both the creek and water hazards. A catch basin near the maintenance building, adjacent to the parking lot and fuel ASTs. The catch basin is reportedly not in use and sealed with a liner. No staining was observed in the vicinity of the catch basin.
Pits, Ponds, and Lagoons	The on-Site irrigation Pond diverts water from Silver Creek and is managed under a Permit to Take Water. Golf Course water hazards are not supplied with water and are reported to naturally fill with groundwater.
Drains, Sumps, Oil/Water Separators (OWS)	Floor drains were observed to be present in the kitchen of the clubhouse building. Floor drains discharge to the on-Site septic

Topic	Findings
and Sand Traps	system. The clubhouse kitchen is equipped with a grease trap prior to discharge to the septic system. The grease trap is emptied and cleaned on an as-needed basis. No staining was observed in the vicinity of floor drains.
Watercourses, Ditches or Standing Water	Silver Creek runs through the Phase One Property from south to north. Portions of six (6) unnamed tributaries to Silver Creek are also present on-Site. The Irrigation Pond and various water hazards on-site are all considered to be standing water.

6.2.7 Surrounding Property Use

Surrounding land uses were generally observed to be agricultural and rural residential with the exception of commercial retail property use to the southeast as well as a municipal yard and Trans Canada Pipeline natural gas meter station to the east. An aggregate quarry is located west of the Phase One Property, opposite Uthoff Line.

There is an easement which extends across the Phase One Property for the Trans Canada Pipeline (natural gas) entering in the northeast corner near the meter station and leaving on the southwest edge of the property, see Figures in **Appendix A**.

The Phase One Property is intersected by Silver Creek travelling from the south corner to the north corner of the property and has portions of several tributaries on-Site. Tributaries of the creek are located in the southwest area as well as the northeast corner of the Site. Based on groundwater data collected by others as well as the anticipated influence of the on-Site creek, shallow horizontal groundwater across the Phase One Property is inferred to flow to the west/northwest towards Silver Creek.

6.2.8 Enhanced Investigation Property

The Phase One Property is not an enhanced investigation property as it has not been used for industrial purposes or for any of the commercial uses specified in Section 32(1)(b) of O.Reg. 153/04.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The investigation required under Section 13 of Schedule D of O. Reg. 153/04 was carried out via the Records Review, interviews, and the Phase One Property visit.

Records reviewed as part of the Phase One ESA are summarized in Table 10 below.

Table 10: Records Reviewed

Sources of Information	Years Reviewed
Aerial Photographs	1931, 1945, 1950, 1967, 1976, 1983, 1995, 2008, 2011, 2020
Topographic and ANSI Maps	2024
Fire Insurance Plans / Insurers' Advisory Organization (IAO) Report	N/A
City Directories	1998, 1999, 2000, 2012, 2017, 2021, 2023
Historical Reports	2024
Land Title Records	Pending
ERIS Report (comprehensive database search)	Various

The Phase One ESA investigation identified PCAs on-Site and within the Phase One Study Area. Discussion relating to PCAs and APECs is provided in Sections 7.2 and 7.3, respectively.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

Table 11 lists known past/current uses of the Phase One Property.

Table 11: Current and Past Uses of the Phase One Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, Fire Insurance Plans, etc.
Prior to 1836	Crown Land	Undeveloped	N/A	N/A
1836 to 1988/ 1989	The Canada Company Various individuals	Inferred Agricultural, Residential	Agricultural or other, Residential	Chain of Title confirms transfer from Crown Land. 1931 aerial photograph identifies use as farmland/residential (farmhouse)
1988/ 1989 to 2018	Silver Spring View Estates Ltd. Mark Rich Homes Limited	Golf Course	Commercial	Golf course first observed in 1995 aerial photograph.
2018 to 2021	Hawk Ridge Golf & Country Club (HRGCC) Lands Ltd.	Golf Course	Commercial	Aerial photographs identify golf course
2021 to Present	Current Owners: <ul style="list-style-type: none"> • LIV (Hawk Ridge) GP Inc. • LIV (Hawk Ridge) LP 	Golf Course	Commercial	Golf course present during Phase One Site reconnaissance

In summary, the Phase One Property was originally transferred from Crown Land in 1836 and subsequently utilized as agricultural cropland with an associated residence (farmhouse) until the late 1980s. The Phase One Property was purchased by developers in the late 1980s and developed as the present golf course in the early 1990s. Based on information obtained through aerial photographs and the Site Representative, the current restaurant and maintenance building were constructed with the initial development of the golf course. The current club house was subsequently built in the late 1990s.

7.2 POTENTIALLY CONTAMINATING ACTIVITIES (PCAS)

Table 12 summarizes the descriptions of all PCAs as defined by O. Reg. 153/04 that were identified within the Phase One Study Area. **Figure 3** in **Appendix A** depicts the locations of all PCAs identified within the Phase One Study Area.

Table 5: Potentially Contaminating Activities as Listed in Table 2, Schedule D of O. Reg. 153/04

PCA#	PCA Description
Phase One Property	
22.	Fertilizer Manufacturing, Processing, and Bulk Storage
28.	Gasoline and Associated Products Storage in Fixed Tanks
40.	Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
N/A-1	Application of de-icing salt
N/A-2	Waste and Scrap Material Storage
N/A-3	Preferential infiltration of lawn maintenance chemicals into Septic System bed
Phase One Study Area	
28.	Gasoline and Associated Products Storage in Fixed Tanks
40.	Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications
48.	Salt Manufacturing, Processing, and Bulk Storage
52.	Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems.

PCAs identified on-Site result in APECs at the Phase One Property.

Based on local topography and groundwater elevation data collected by others, shallow horizontal groundwater at the Site is inferred to flow to the west/northwest. As a result, off-Site properties to the east are considered to be hydraulically upgradient of the Phase One Property.

Off-Site PCAs identified at the municipal works yard located to the east of the Site include PCA numbers 28 (fuel USTs), 48 (bulk road salt storage), and 52 (vehicle maintenance). Given the close proximity and inferred hydraulically upgradient direction of the municipal works yard, these off-Site PCAs result in an APEC at the Phase One Property.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECS)

PCAs and corresponding APECs associated with the Phase One Property itself are related to various activities associated with the golf course. **Table 13** below and **Figure 4** in **Appendix A** summarize the descriptions and locations of the identified APECs in connection with the Phase One Property.

Table 6: Areas of Potential Environmental Concern (APECs)

Area of Potential Environmental Concern	Location of APEC on Phase One Property	Potentially Contaminating Activity	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: On-Site Fertilizer Use	Entire Property	PCA #22: Fertilizer Manufacturing, Processing, and Bulk Storage	On-Site	Nitrogen (total)	Soil Sediment
				Nitrate/Nitrite	Groundwater
APEC-2: On-Site Pesticide Use	Entire Property	PCA #40 – Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications	On-Site	OCs, metals, As, Sb, Se, CN ⁻ , ABNs, CPs	Soil, Sediment, Groundwater
APEC-3a: Vehicle Maintenance	Garage/workshop in maintenance building	PCA #52 – Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems.	On-Site	VOCs, BTEX, PHCs, metals, As, Sb, Se, PAHs	Soil, Groundwater
APEC-3b: Gasoline AST	Adjacent to maintenance building	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX, PHCs, metals, PAHs	Soil, Groundwater
APEC-3c: Diesel AST	Adjacent to maintenance building	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX, PHCs, metals, PAHs	Soil, Groundwater
APEC-3d: Waste oil storage	Adjacent to maintenance building	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	BTEX, PHCs, metals, PAHs	Soil, Groundwater
APEC-3e: Waste Storage including batteries	Adjacent to maintenance building	PCA #N/A-2 – Waste and Scrap Material Storage	On-Site	VOCs, PHCs, metals, As, Sb, Se, Cr(VI), Hg, CN ⁻ , PAHs	Soil
APEC-4: Gasoline AST	Adjacent to golf cart parking lot	PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX, PHCs, metals, PAHs	Soil, Groundwater
APEC-5: Derelict vehicle and scrap storage	Central area of the Site	PCA #N/A-2 – Waste and Scrap Material Storage	On-site	VOCs, PHCs, metals, As, Sb, Se, Cr(VI), Hg, CN ⁻ , PAHs	Soil
APEC-6: On-Site Septic System	Adjacent to the Clubhouse	PCA #N/A-3 – Septic System	On-site	VOCs, PHCs, metals, OCs, ABNs, CPs	Soil, Groundwater
				Nitrogen (total)	Soil
				Nitrate/Nitrite	Groundwater
APEC-7: Application of de-icing salt	Driveways, parking areas, and sidewalks	PCA #N/A-1 – Application of de-icing salt	On-site	EC, SAR	Soil
				Na, Cl ⁻	Groundwater

Area of Potential Environmental Concern	Location of APEC on Phase One Property	Potentially Contaminating Activity	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-8: Off-Site Municipal Works Yard	Northeast Site perimeter	PCA #28 PCA #48 PCA #52	Off-Site	VOCs, BTEX, PHCs, metals, As, Sb, Se, Na, Cl ⁻	Groundwater

Notes:

1 - Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through, (a) Identification of past or present uses on, in or under the phase one property, and (b) Identification of potentially contaminating activity.

2 - Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One study area

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs	PCBs	Metals	Electrical Conductivity	SAR
CPs	PAHs	As, Sb, Se	Cr (VI)	
1,4-Dioxane	THMs	Na	Hg	
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury	
OCs	BTEX	Cl-	high pH	
PHCs	Ca, Mg	CN-	low pH	

4 - when submitting a record of site condition for filing, a copy of this table must be attached.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

A Phase One Conceptual Site Model (CSM) has been prepared in accordance with Part VI of Schedule D of O. Reg. 153/04. The mandatory information required as part of the Phase One CSM has been summarized in **Table 14** below.

Table 14: Phase One CSM Summary

Item	Discussion
<p>1</p> <p>i. Buildings & Structures</p> <p>ii. Water Bodies</p> <p>iii. Areas of Natural Significance</p> <p>iv. Drinking Water Wells</p> <p>v. Roads</p> <p>vi. Adjacent Property Use</p> <p>vii. PCAs</p> <p>viii. APECs</p>	<p>The Phase One Property is currently occupied by the following primary structures:</p> <ul style="list-style-type: none"> • One (1) clubhouse servicing the golf course • One (1) restaurant. • One (1) maintenance building <p>Specific building locations are identified on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 2 – Site Features • Figure 3 – Phase One Study Area & PCAs • Figure 4 – APECs <p>Water bodies as defined by O. Reg. 153/04 are present within the Phase One Study Area. Water bodies identified include the following:</p> <ul style="list-style-type: none"> • Silver Creek • Six (6) tributaries to silver creek <p>Water bodies are presented on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 2 – Site Features <p>No Areas of Natural Significance were identified at the Phase One Property or within the Phase One Study Area. Areas of Natural Significance are presented on the Ministry of Natural Resources and Forestry (MNRF) ANSI Map provided in Appendix E</p> <p>One (1) active drinking water well was identified at the Phase One Property, and is identified on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 2 – Site Features <p>Roads within the Phase One Study Area are presented on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 1 – Site Location Plan • Figure 3 – Phase One Study Area & PCAs <p>Adjacent properties consist of agricultural and residential use which is identified on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 3 – Phase One Study Area & PCAs <p>Seven (7) on-Site PCAs and four (4) off-Site PCAs were identified at the Phase One Property and within the Phase One Study Area. Three (3) fuel ASTs were observed to be present on-Site related to golf course activities. Off-Site fuel USTs were noted to be listed at the Municipal Works yard located to the northeast of the Phase One Property. PCA locations are displayed on the following figure in Appendix A:</p> <ul style="list-style-type: none"> • Figure 3 – Phase One Study Area & PCAs <p>The on-Site ASTs are identified on the following figures in Appendix A:</p> <ul style="list-style-type: none"> • Figure 2 – Site Features • Figure 3 – Phase One Study Area & PCAs • Figure 4 – APECs <p>A total of twelve (12) APECs were identified at the Phase One Property and are presented on the following figure in Appendix A:</p> <ul style="list-style-type: none"> • Figure 4 - APECs
<p>2</p> <p>i. Description of PCAs</p>	<p>The following PCAs were identified:</p> <p><u>Phase One Property</u></p> <ul style="list-style-type: none"> • Turf and lawn maintenance at the golf course <ul style="list-style-type: none"> ○ PCA #22 – Fertilizer Manufacturing, Processing, and Bulk Storage ○ PCA #40 – Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications • On-Site Maintenance Building

Item	Discussion
	<ul style="list-style-type: none"> ○ PCA #28 – Gasoline and Associated Products Storage ○ PCA #52 – Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems ○ PCA #N/A-2 – Waste and Scrap Material Storage ● Equipment scrapyards located in the centre of the Phase One Property <ul style="list-style-type: none"> ○ PCA #N/A-2 – Waste and Scrap Material Storage ● Clubhouse building and adjacent golf-cart parking and fuelling area <ul style="list-style-type: none"> ○ PCA #28 – Gasoline and Associated Products Storage ○ PCA #N/A-1 – Application of De-icing Salt ○ PCA #N/A-3 – Septic System <p><u>Phase One Study Area</u></p> <ul style="list-style-type: none"> ● Pesticide application on agricultural crops at properties to the north and west <ul style="list-style-type: none"> ○ PCA #40 – Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications ● Municipal Works Yard located to the northeast <ul style="list-style-type: none"> ○ PCA #28 – Gasoline and Associated Products Storage ○ PCA #48 – Salt Manufacturing, Processing, and Bulk Storage ○ PCA #52 – Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems <p>Review of the off-Site PCAs within the Phase One Study Area identified that Municipal Works yard to the northeast of the Site is located hydraulically upgradient and represents a potential environmental concern to the Phase One Property, due to close proximity. Thus, the off-Site PCAs associated with the Municipal Works yard result in an APEC at the Phase One Property.</p>
ii. Contaminants of Potential Concern	<p>The following Contaminants of Potential Concern (COPCs) were identified in relation to the PCAs on the Phase One Property:</p> <ul style="list-style-type: none"> ● PCA #22 – Total nitrogen (soil/sediment), nitrate/nitrite (groundwater) ● PCA #28 – BTEX, PHCs, PAHs, metals ● PCA #40 – OCs, metals, As, Sb, Se, Cr(VI), Hg, CN⁻, ABNs, CPs ● PCA #52 – VOCs, BTEX, PHCs, metals, As, Sb, Se, PAHs ● PCA #N/A-1 – EC/SAR (soil), Na/Cl (groundwater) ● PCA #N/A-2 – VOCs, PHCs, metals, OCs, ABNs, CPs, total nitrogen (soil) nitrate/nitrite (groundwater) ● PCA #N/A-3 – EC/SAR (soil), Na/Cl (groundwater)
iii. Contaminant Transport via Utilities	<p>Building footprints and utility trenches may affect contaminant transport via the provision of preferential pathways created by granular material infill in the shallow subsurface.</p>
iv. Regional Geologic and Hydrogeologic Information	<p>The Phase One Property is located within the Simcoe Lowlands Physiographic Region, which is a drumlinized sand plain. The Geological Highway Map of Southern Ontario identifies the Phase One Property as located within the Shadow Lake Formation, which consists of limestone, dolostone, shale, arkose, and sandstone interbeds.</p> <p>Site specific information identified the following soil stratigraphy present at the Phase One Property:</p> <ul style="list-style-type: none"> ● Surficial topsoil ● Earth fill consisting of reworked native sand/silt/clay ● Silty sand/sandy silt/silt ● Silty sand/sandy silt glacial till ● Clayey silt/silty clay <p>Site-specific bedrock information was not available for review. Based on publicly available well records from the area, bedrock in the vicinity of the Phase One Property is expected to be present at a depth between 18 and 44 m bgs.</p> <p>Grade slopes downwards generally to the north across the Site, towards and alongside Silver Creek with an elevation change of approximately 19 m. As this is far greater than the depth to the water table on-Site, it is concluded that shallow, horizontal ground water flow is directed north towards and towards the Creek. Actual local ground water flow direction can also be influenced by factors such as underground structures, ornamental features such as berms, seasonal fluctuations, soil and bedrock geology, and production/dewatering wells.</p> <p>Site-specific information indicates that the groundwater table is typically present between 0.0 m (ground surface) to 3.2 m bgs with groundwater flow inferred as being to the east or northeast.</p>
2 v. Uncertainty of Information	<p>The information within the Phase One ESA was obtained from various credible sources such as government bodies, ERIS database searches, previous reports completed and signed by licensed professionals, and individuals with firsthand knowledge. As a result, the information obtained is considered highly reliable. However, should any uncertainty in or absence of information be realized, it is not anticipated to materially affect the validity of the Conceptual Site Model.</p>

Item		Discussion
3	i. Applicability – Section 49.1, Paragraphs, 1, 1.1, and 2	Based on the commercial use of the Phase One Property and presence of paved driveways, parking areas, and sidewalks, it was determined that a substance (i.e. road salt) has been applied to surfaces for the safety of vehicular and pedestrian traffic under conditions of snow and/or ice. Therefore, the exemption set out in Section 49.1, paragraph 1 of O. Reg. 153/04 applies and is being relied upon.
4	i. Applicability – Section 49.1, Paragraph 3	This section is not applicable.

8.0 CONCLUSIONS

Based on the findings of the Phase One ESA, the following can be concluded:

- A total of seven (7) Potential Contaminating Activities (PCAs) were identified on-Site relating to one or more aspects of the use of the property as a golf course.
- A total of four off-Site (4) PCAs with the potential to impact the Phase One Property were identified in association with a Municipal Works Yard located hydraulically upgradient of the Site.
- A total of twelve (12) Areas of Potential Environmental Concern (APECs) were identified as a result of the PCAs identified on-Site and off-Site.

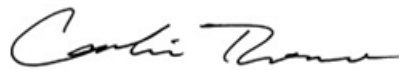
Given the presence of APECs identified at the Phase One Property, a Phase Two ESA is required to assess soil, sediment, and groundwater quality at the Site prior to the filing of a Record of Site Condition.

8.1 SIGNATURES AND STATEMENT OF THE QUALIFIED PERSON

The undersigned Project Qualified Person, Matthew Huson, P.Ge., QP_{ESA}, confirms the carrying out of this Phase One ESA and developed the findings and conclusions of this Phase One ESA as presented in this report

Respectfully submitted,

C.F. CROZIER & ASSOCIATES INC.



Cordelia Thorne
Environmental Scientist

C.F. CROZIER & ASSOCIATES INC.



Michael R. Birch, P.Ge., QP_{ESA}
Senior Geoscientist

C.F. CROZIER & ASSOCIATES INC.



Matthew Huson, P.Ge., QP_{ESA}
Senior Geoscientist

C.F. CROZIER & ASSOCIATES INC.



Michael J. Cugino, P.Ge., QP_{ESA}
Director Environmental Services

CT/MH/MB/MJC

J:\1900\1935- LIV Communities\6133- Hawk Ridge\Reports\Environmental Group\Phase One ESA\2024.10.02 (1935-6133-3) FINALPhOne-F.docx

9.0 REFERENCES

The following information was reviewed as part of this Phase One ESA:

- Ontario Regulation 153/04 ("Records of Site Condition"), as amended, Ministry of the Environment, Conservation and Parks.
- Guide for Completing Phase One Environmental Site Assessments Under Ontario Regulation 153/04, Ministry of the Environment, June 2011.
- Rationale for the Development of Soil and Groundwater Standards for Use at Contaminated Sites in Ontario, Ministry of the Environment, April 15 2011.
- Preliminary Geotechnical Investigation Report, Proposed Residential Development, Hawkridge Heights, Severn, ON. Prepared by Green Geotechnical Ltd., dated September 19, 2024.
- Township of Severn <https://www.severn.ca/en/build-and-invest/zoning.aspx>
- ERIS Database Report, Order 24090600513, September 11, 2024.
- ERIS City Directory Search, Order 24090600513, September 10, 2024.
- ERIS Opta Enviroscan Report, Order 149065, September 16, 2024.
- Chain of Title report, September 30, 2024.
- Google Earth
- Ministry of the Environment, "Waste Disposal Site Inventory", June 1991.
- Ministry of the Environment, "Inventory of PCB Storage Sites", 2000.
- Ministry of the Environment, Conservation and Parks, https://www.lioapplications.lrc.gov.on.ca/Access_Environment/index.html?viewer=Access_Environment.AE&locale=en-US
- Ministry of the Environment, Conservation and Parks, <https://www.ontario.ca/page/map-well-records>
- Ministry of the Environment, Conservation and Parks, <https://www.lioapplications.lrc.gov.on.ca/SourceWaterProtection/index.html?viewer=SourceWaterProtection.SWPViewer&locale=en-CA>
- Ministry of Natural Resources and Forestry, https://www.lioapplications.lrc.gov.on.ca/Natural_Heritage/index.html?viewer=Natural_Heritage.Natural_Heritage&locale=en-CA

10.0 QUALIFICATIONS

10.1 CONFIDENTIALITY STATEMENT

This is an internal document prepared for LIV (Hawk Ridge) LP (the "Client") by their technical consultant, C.F. Crozier & Associates Inc. (Crozier) for their own use. The information contained in this document is private and confidential. It must be used in conjunction with other facts and data for the sole purpose of providing advice to the Client or its representatives concerning potential environmental liabilities. No distribution of this document should be made without the prior, written consent of the Client and Crozier.

10.2 SCOPE OF ACTIVITY

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed in this report are based on the facts currently available within the limits of the existing data, scope of work, budget, and schedule.

To the extent that more definitive conclusions are desired by the Client than are warranted by the currently available facts, our conclusions and recommendations stated in this report are intended as guidance and not necessarily a firm course of action except where explicitly stated as such. We make no warranties, express or implied, including, without limitation, warranties as to merchantability or fitness of the property for a particular purpose. In addition, the information provided to you in this report is not to be constructed as legal advice.

10.3 LIMITATIONS OF USE OF THIS REPORT

This report was prepared based on historical documents reviewed, review of regulatory records and observations made during the inspection of the Phase One Property. Only those items, which are capable of being observed and are reasonably obvious to Crozier personnel, or have been identified to Crozier by other parties, can be reported. The field observations, measurements, and analysis are considered sufficient in detail and scope to form a reasonable basis for the findings presented in this report. Crozier warrants that the findings and conclusions contained herein have been made in accordance with generally accepted evaluation methods in the industry and applicable regulations at the time of the performance of the survey. It is possible that conditions may exist which could not be reasonably identified within the scope of the survey, or which were not apparent during the investigation of the Phase One Property. Crozier believes that the information collected during the survey period concerning the Phase One Property is reliable. No other warranties are implied or expressed. Crozier, to the best of its knowledge, believes this report to be accurate; however, Crozier cannot guarantee the completeness or accuracy of information supplied to Crozier. Crozier is an Engineering and Environmental Consulting Company. As such any results or conclusions presented in this report should not be constructed as legal advice.

Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibility of such third parties. Crozier accepts no responsibility for damages, if any, suffered by a third party as a result of decisions made or actions based on this report.

APPENDIX A

Legal Survey and Figures

TOPOGRAPHIC SKETCH OF
BLOCKS 49 AND 50
REGISTERED PLAN 51M-489
AND
PART OF LOTS 2, 4 AND 5
CONCESSION 4
GEOGRAPHIC TOWNSHIP OF ORILLIA (SOUTHERN DIVISION)
TOWNSHIP OF SEVERN
COUNTY OF SIMCOE

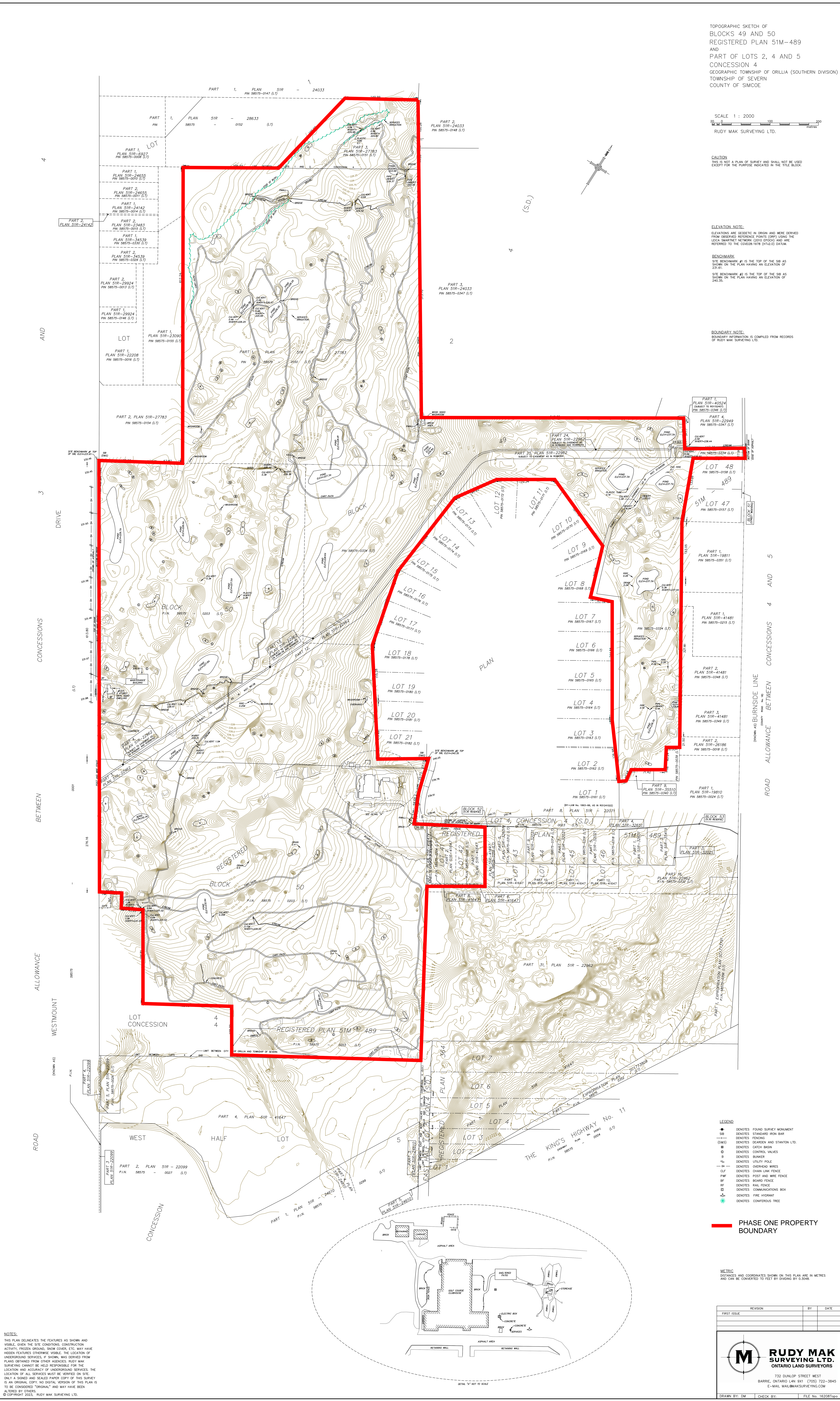
SCALE 1 : 2000
RUDY MAK SURVEYING LTD.

CAUTION
THIS IS NOT A PLAN OF SURVEY AND SHALL NOT BE USED
EXCEPT FOR THE PURPOSES INDICATED IN THE TITLE BLOCK.

ELEVATION NOTE:
ELEVATIONS ARE GEODETIC IN ORIGIN AND WERE DERIVED
FROM BENCHMARKS AND POINTS (OBS) USING THE
LEICA SMARTNET NETWORK (2010 EPOCH) AND ARE
REFERRED TO THE CODED 1984 (NAD83) DATUM.

BENCHMARK:
SITE BENCHMARK #1 IS THE TOP OF THE SB AS
SHOWN ON THE PLAN HAVING AN ELEVATION OF
231.61.
SITE BENCHMARK #2 IS THE TOP OF THE SB AS
SHOWN ON THE PLAN HAVING AN ELEVATION OF
245.35.

BOUNDARY NOTE:
BOUNDARY INFORMATION IS COMPILED FROM RECORDS
OF RUDY MAK SURVEYING LTD.



LEGEND:
● DENOTES FOUND SURVEY MONUMENT
— DENOTES STANCHION ROW BAR
— DENOTES FENCING
— DENOTES SEAMON AND STANTON LTD.
— DENOTES CATCH BASIN
— DENOTES CONTROL VALVES
— DENOTES BURNER
— DENOTES UTILITY POLE
— DENOTES OVERHEAD WIRES
— DENOTES CHAIN LINK FENCE
— DENOTES POST AND WIRE FENCE
— DENOTES BOARD FENCE
— DENOTES RAIL FENCE
— DENOTES COMMUNICATIONS BOX
— DENOTES FIRE HYDRANT
— DENOTES CONVERSEY TREE

PHASE ONE PROPERTY BOUNDARY

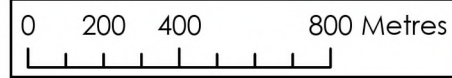
METRIC
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES
AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES:
THIS PLAN DELINEATES THE FEATURES AS SHOWN AND
VISIBLE, GIVEN THE SITE CONDITIONS. CONSTRUCTION
ACTIVITY, FROZEN GROUND, SNOW COVER, ETC. MAY HAVE
HIDDEN FEATURES OTHERWISE VISIBLE. THE LOCATION OF
UNDERGROUND SERVICES, IF SHOWN, WAS DERIVED FROM
PLANS OBTAINED FROM OTHER AGENCIES. RUDY MAK
SURVEYING CANNOT BE HELD RESPONSIBLE FOR THE
LOCATION AND ACCURACY OF UNDERGROUND SERVICES. THE
LOCATION OF ALL SERVICES MUST BE VERIFIED ON SITE.
ONLY A SIGNED AND SEALED PAPER COPY OF THIS SURVEY
IS AN ORIGINAL COPY. NO DIGITAL VERSION OF THIS PLAN IS
TO BE CONSIDERED "ORIGINAL" AND MAY HAVE BEEN
ALTERED BY OTHERS. RUDY MAK SURVEYING LTD.
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REVISION	BY	DATE
FIRST ISSUE		

RUDY MAK SURVEYING LTD.
7322 DUNDAS STREET WEST
BARRIE, ONTARIO L4N 8X1 (705) 722-3845
E-MAIL: MAIL@RUDYMAK.SURVEYING.COM

DRAWN BY: DM CHECK BY: FILE NO: 16208Taps



Key Plan
1:150,000

Legend

Phase One Property Boundary

Figure Notes:

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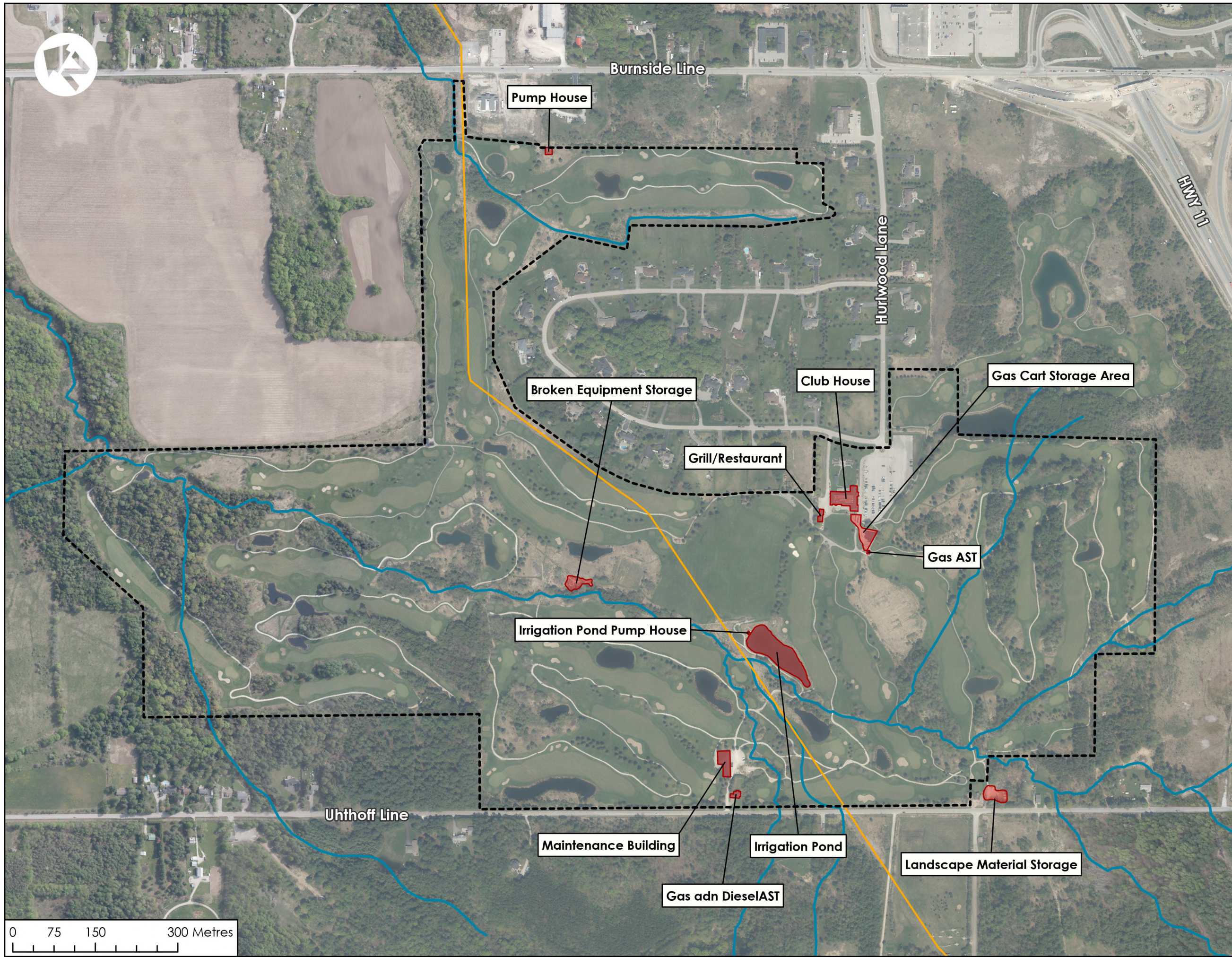
ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project: LIV (Hawk Ridge) LP
Phase One Environmental Site Assessment
1151 Hurlwood Lane, Severn ON

Figure: Site Location Plan



Drawn: J.M	Design: C.T	Project No. 1935 - 6133-3
Date: 2024-09-30	GCS WKID: 26917	Scale: 1:20,000
		Fig. 1



Key Plan
1:150,000

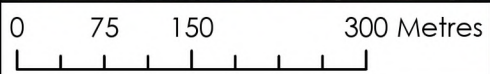
Legend

- Phase One Property Boundary
- Site Feature
- Trans Canada Pipeline
- Watercourse

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Project: LIV (Hawk Ridge) LP
 Phase One Environmental Site Assessment
 1151 Hurlwood Lane, Severn ON

Figure: Site Features



Drawn: J.M	Design: C.T	Project No. 1935 - 6133-3
Date: 2024-09-30	GCS WKID: 26917	Scale: 1:6,500



- Legend**
- Phase One Property Boundary
 - Phase One Study Area
- Surrounding Site Use
- Agricultural
 - Commercial
 - Development/Construction
 - Industrial
 - Residential
- Phase One Study Area PCAs**
- 22 Fertilizer Manufacturing, Processing, and Bulk Storage
 - 28 Gasoline and Associated Products Storage in Fixed Tanks
 - 40 Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications
 - 42 Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems
 - NA1 Application of de-icing salt
 - NA2 Waste and Scrap Material Storage
 - NA3 Septic System
- Phase One Study Area PCAs**
- 46 Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications
 - 48 Salt Manufacturing, Processing, and Bulk Storage
 - 52 Storage, maintenance, fuelling, and repair of equipment, vehicles, and material used to maintain transportation systems
 - 28 Gasoline and Associated Products Storage in Fixed Tanks

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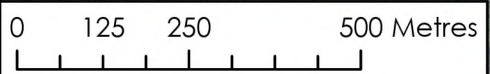
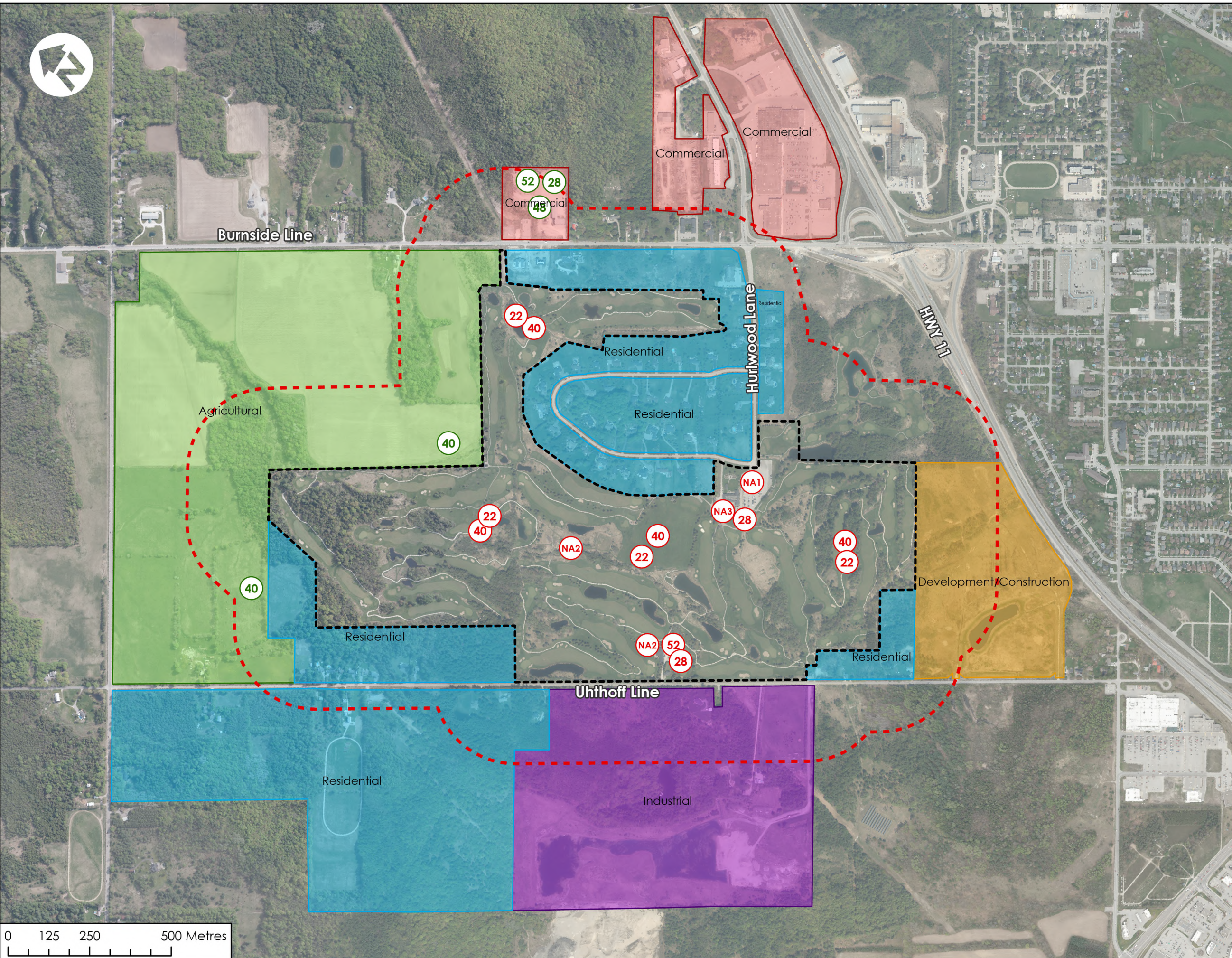
*PCA = POTENTIALLY CONTAMINATING ACTIVITY

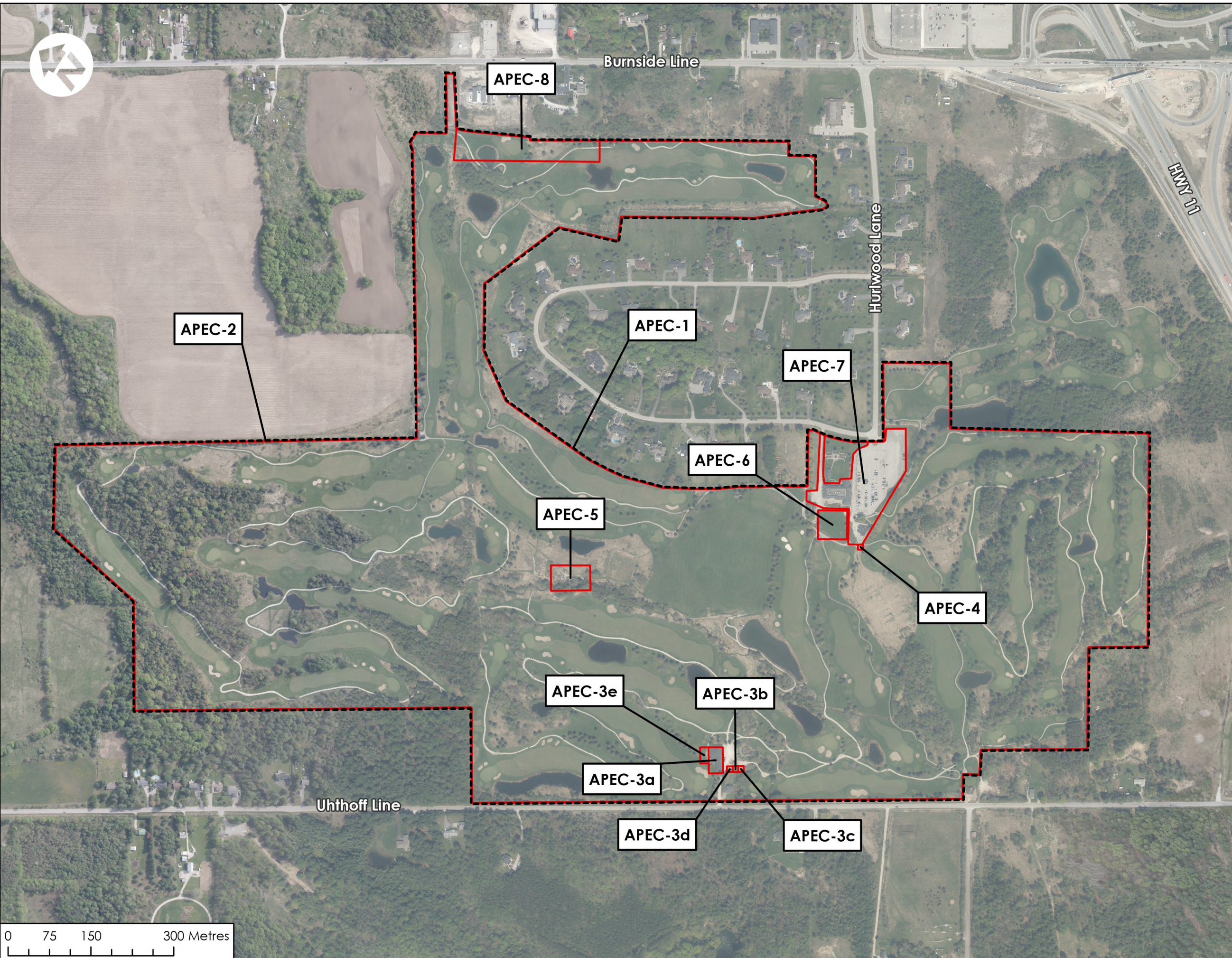
Project: LIV (Hawk Ridge) LP
Phase One Environmental Site Assessment
1151 Hurlwood Lane, Severn ON

Figure: Phase One Study Area & PCAs



Drawn: J.M	Design: C.T	Project No. 1935 - 6133-3
Date: 2024-09-30	GCS WKID: 26917	Scale: 1:11,000
		Fig. 3





Legend

- Phase One Property Boundary
- Area of Potential Environmental Concern
- APEC-1: On-Site Fertilizer Use
- APEC-2: On-Site Pesticide Use
- APEC-3a: Vehicle Maintenance
- APEC-3b: Gasoline AST
- APEC-3c: Diesel AST
- APEC-3d: Waste oil storage
- APEC-3e: Waste Storage including batteries
- APEC-4: Gasoline AST
- APEC-5: Derelict vehicle and scrap storage
- APEC-6: On-Site Septic System
- APEC-7: Application of de-icing salt
- APEC-8: Off-Site Municipal Works Yard

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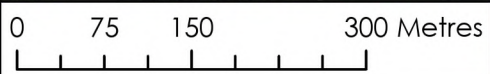
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ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project: LIV (Hawk Ridge) LP
Phase One Environmental Site Assessment
1151 Hurlwood Lane, Severn ON

Figure: APEC Locations



Drawn: J.M	Design: C.T	Project No. 1935 - 6133-3
Date: 2024-09-30	GCS WKID: 26917	Scale: 1:6,500
		Fig. 4



Legend

- Phase One Property Boundary
- Monitoring Well
- 240** Seasonal High Groundwater Level (masl)

Figure Notes:

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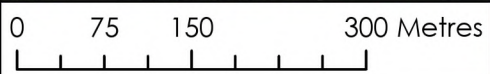
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ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project: LIV (Hawk Ridge) LP
Phase One Environmental Site Assessment
1151 Hurlwood Lane, Severn ON

Figure: Existing Monitoring Well Locations



Drawn: J.M	Design: C.T	Project No. 1935 - 6133-3
Date: 2024-09-30	GCS WKID: 26917	Scale: 1:6,500
		Fig. 5

APPENDIX B

Regulatory Correspondence

**Ministry of the Environment,
Conservation and Parks**

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



September 24, 2024

Ms. Cordelia Thorne
C.F. Crozier & Associates Inc.
2800 High Point Drive Unit 100
Milton, Ontario L9T 6P4
cthorne@cfcrozier.ca

Dear Cordelia Thorne:

RE: MECP FOI A-2024-05986, Your Reference #: 1935-6133-3 – Extension Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

1151 Hurlwood Lane, Severn
Timeframe: January 1st, 1900 to September 9th, 2024

Please be assured that we are making every attempt to respond to your request as soon as possible. However, we wish to advise you that we have extended the time for a response in accordance with subsection 27(1)(a) of the Act for an additional 60 days to December 09, 2024.

The reason for the extension is that the request necessitates a search through a large number of records, approximately **682 pages**, and meeting the time limit would unreasonably interfere with the operations of the institution. If you would like to reduce this extension by narrowing the scope of your request, please contact our office.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Daniela Jaramillo at daniela.jaramillo@ontario.ca.

Yours truly,
Daniela Jaramillo

for
Josephine DeSouza
Manager, Access and Privacy Office

**Ministry of the Environment,
Conservation and Parks**

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



October 1, 2024

Ms. Cordelia Thorne
C.F. Crozier & Associates Inc.
2800 High Point Drive Unit 100
Milton, Ontario L9T 6P4
cthorne@cfcrozier.ca

Dear Cordelia Thorne:

**RE: MECP FOI A-2024-05986, Your Reference #: 1935-6133-3 – Extension
Letter Third Party**

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 1151 Hurlwood Lane, Severn

After a detailed review of the records, disclosure of the records may affect the interests of a third party.

In accordance with Section 28 of the Act, the affected party is being given an opportunity to make representations concerning disclosure of the information. A decision on whether the information will be disclosed will be made by October 31, 2024.

If you have any questions regarding this matter, contact Tara Hachey at tara.hachey@ontario.ca.

Yours truly,

A handwritten signature in cursive script that reads "Tara Hachey".

For:

Josephine DeSouza
Manager, Access, and Privacy Office

Cordelia Thorne

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: September 9, 2024 3:48 PM
To: Cordelia Thorne
Subject: RE: TSSA Public Info. Search – 1151 Hurlwood Lane, Severn, ON.

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **elevating/amusement/ski devices** records in our database at the subject address(es).
- We confirm that there are NO **boilers/pressure vessels** records in our database at the subject address(es).
- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationsservices@tssa.org.

Kind regards,



Melanie Fowler | Public Information Releases Agent

Legal
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3593 | Fax: +1 416-231-4903 | E-Mail: mfowler@tssa.org
www.tssa.org



From: Cordelia Thorne
<cthorne@cfcrozier.ca>
Sent: Monday, September 9, 2024
3:27 PM
To: Public Information Services



Winner of 2023 5-Star Safety Cultures Award

<publicinformationsservices@tssa.org>

Subject: TSSA Public Info. Search – 1151 Hurlwood Lane, Severn, ON.

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good Afternoon,

Can you please check your files for any records related to the following property:

1151 Hurlwood Lane, Severn, ON.

Are there any files that require us to complete the Application for Release of Public Information form to release. These may include but are not limited to records of storage tanks related to the address.

Thanks in advance.

Cordelia Thorne

Junior Environmental Scientist, Environmental Consulting Services

Office: 905.876.7098

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Cordelia Thorne

From: Alison Gray <agray@severn.ca>
Sent: September 19, 2024 4:32 PM
To: Cordelia Thorne
Subject: RE: FOI for 1151 Hurlwood Lane, Severn, ON (1935-6133-3)

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,

This will confirm that I can find no related records within the Township's records management system.

Thank you,
Alison



Alison Gray, BAH, CMO, AOMC
Director of Corporate Services/Clerk

Email: agray@severn.ca
Phone: 705-325-2315 x232

severn.ca



From: Cordelia Thorne <cthorne@cfcrozier.ca>
Sent: September 17, 2024 10:19 AM
To: Alison Gray <agray@severn.ca>
Subject: FOI for 1151 Hurlwood Lane, Severn, ON (1935-6133-3)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Alison,

As discussed on the phone, I am completing an Environmental Site Assessment at 1151 Hurlwood Lane in Severn. In support of this, I need to know if the Township of Severn has any records of fuel tanks, spills, or any other potentially contaminating activities on the property.

Could you please check your records for such records?

Thank you,
Cordelia

Cordelia Thorne
Junior Environmental Scientist, Environmental Consulting Services

Office: 905.876.7098

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APPENDIX C

ERIS Database Reports



DATABASE REPORT

Project Property: *Hawk Ridge Phase One ESA
1151 Hurlwood Lane
Severn ON L3V 0Y6*

Project No: *1935-6133-3*

Report Type: *RSC Report - Quote*

Order No: *24090600513*

Requested by: *C.F. Crozier & Associates Inc.*

Date Completed: *September 11, 2024*

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property: *Hawk Ridge Phase One ESA
1151 Hurlwood Lane Severn ON L3V 0Y6*

Project No: *1935-6133-3*

Order Information:

Order No: *24090600513*
Date Requested: *September 6, 2024*
Requested by: *C.F. Crozier & Associates Inc.*
Report Type: *RSC Report - Quote*

Historical/Products:

Aerial Photographs *Aerials - National Collection*
City Directory Search *Smart CD Search*
ERIS Xplorer [*ERIS Xplorer*](#)
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map *RSC Maps*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	1	1	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	2	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	2	2
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	10	35	45
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	1	1
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	1	1
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	4	4
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	5	5
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PPHA	<i>Potential PFAS Handlers from EASR</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	3	1	4
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	5	5
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
WWIS	Water Well Information System	Y	11	39	50
<hr/>			Total:	25	105
					130

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	PTTW	Mark Rich Homes Ltd	Golf Course located at 1151 Hurlwood Lane, Orillia, ON CITY OF ORILLIA ON	SE/0.0	8.62	<u>37</u>
<u>1</u>	PTTW	HRGCC Inc. operating as Hawk Ridge Golf & Country Club	1151 Hurlwood Lane Severn, ON L3V 0Y6 Canada ON	SE/0.0	8.62	<u>37</u>
<u>1</u>	PTTW	2800319 Ontario Inc., as general partner for and on behalf of Liv (Hawk Ridge)	LP 1151 Hurlwood Lane Lot 3, Concession 4 Severn, ON Canada ON	SE/0.0	8.62	<u>38</u>
<u>2</u>	WWIS		lot 4 con 4 ON <i>Well ID: 5728256</i>	W/0.0	-0.55	<u>38</u>
<u>3</u>	WWIS		lot 4 con 4 ON <i>Well ID: 5736633</i>	ESE/0.0	9.08	<u>43</u>
<u>3</u>	WWIS		lot 4 con 4 ON <i>Well ID: 5736634</i>	ESE/0.0	9.08	<u>46</u>
<u>3</u>	WWIS		lot 4 con 4 ON <i>Well ID: 5736975</i>	ESE/0.0	9.08	<u>50</u>
<u>4</u>	WWIS		lot 4 con 4 ON <i>Well ID: 5733936</i>	ESE/0.0	9.08	<u>54</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
4	WWIS		lot 4 con 4 ON <i>Well ID: 5733937</i>	ESE/0.0	9.08	59
4	WWIS		lot 4 con 4 ON <i>Well ID: 5734817</i>	ESE/0.0	9.08	62
4	WWIS		lot 4 con 4 ON <i>Well ID: 5734818</i>	ESE/0.0	9.08	65
4	WWIS		lot 4 con 4 ON <i>Well ID: 5734819</i>	ESE/0.0	9.08	68
4	WWIS		lot 4 con 4 ON <i>Well ID: 5734820</i>	ESE/0.0	9.08	71
5	ECA	The Corporation of the City of Orillia	Orillia ON L3V 7T5	ESE/0.0	9.08	74
6	GEN	MARK RICH HOMES LTD.	4331 UHTHOFF LINE ORILLIA ON L3V 6H2	NW/0.0	-4.61	74
6	GEN	Hawk Ridge Golf & Country Club	4331 Uthhoff Line Orillia ON L3V 6H2	NW/0.0	-4.61	75
6	GEN	Hawk Ridge Golf & Country Club	4331 Uthhoff Line Orillia ON L3V 6H2	NW/0.0	-4.61	75
6	GEN	Hawk Ridge Golf & Country Club	4331 Uthhoff Line Orillia ON L3V 6H2	NW/0.0	-4.61	75

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	NW/0.0	-4.61	76
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	NW/0.0	-4.61	76
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON	NW/0.0	-4.61	76
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Severn ON L3V 8B8	NW/0.0	-4.61	77
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Severn ON L3V 8B8	NW/0.0	-4.61	77
6	GEN	Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H4	NW/0.0	-4.61	78
7	WWIS		lot 5 con 4 ON Well ID: 5738630	SSE/0.0	5.87	78

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	WWIS		lot 2 con 4 ON Well ID: 5732745	NNW/3.8	-0.34	83
8	WWIS		lot 2 con 4 ON Well ID: 5733313	NNW/3.8	-0.34	86
9	EHS		lInch Farm/Area 3 Orillia ON	SE/7.4	10.47	90
10	NPR2	ORILLIA PIT 48	4364 UHTHOFF LINE ORILLIA ON	SSW/12.9	2.08	90
11	WWIS		lot 4 con 4 ON Well ID: 5730577	ESE/17.3	13.03	96
12	WWIS		lot 4 con 4 ON Well ID: 5738871	ESE/56.9	10.05	101
13	WWIS		lot 5 con 4 ON Well ID: 5741425	ESE/60.7	10.39	104
14	WWIS		lot 3 con 4 ON Well ID: 5714909	ENE/64.6	14.81	108
15	WWIS		lot 1 con 4 ON Well ID: 5715557	WNW/69.2	7.70	110
16	WWIS		lot 4 con 4 ON Well ID: 5707057	S/71.9	10.39	115
17	WWIS		1046 lot 5 con 4 ON Well ID: 5741423	E/76.2	12.47	118
18	GEN	Union Gas Limited	4243 Burnside Line Orillia ON N7M5M1	NE/76.7	9.87	121

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	Union Gas Limited	4243 Burnside Line Orillia ON N7M5M1	NE/76.7	9.87	121
19	WWIS		1201 Hawk Ridge Cres. lot 3 con 4 Orillia ON Well ID: 7381917	ENE/77.4	13.05	122
20	FST	TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	NE/82.5	10.42	128
20	FST	TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	NE/82.5	10.42	128
21	WWIS		lot 4 con 4 ON Well ID: 5731274	NE/84.3	13.17	129
22	WWIS		lot 5 con 4 ON Well ID: 5740341	ESE/86.0	10.42	133
23	WWIS		lot 4 con 4 ON Well ID: 5730597	E/87.0	9.36	137
24	SPL		1281 Hawk Ridge Rd, Orillia SEVERN ON	NE/87.1	14.15	140
25	WWIS		lot 4 con 4 ON Well ID: 5730598	E/89.0	10.47	141
26	WWIS		lot 5 con 4 ON Well ID: 5740343	ESE/93.6	10.39	144
27	WWIS		lot 3 con 5 ON Well ID: 5702973	ENE/105.8	16.03	147
28	WWIS		1211 HAWKRIDGE CRES lot 4 con 4 ORILLIA ON Well ID: 5741448	E/106.2	13.34	149
29	WWIS		4260 BURNSIDE LINE lot 3 con 4 Orillia ON	ENE/107.0	16.03	156

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7324663			
30	WWIS		1034 Hurlwood Lane lot 4 con 4 Severn ON Well ID: 7402038	E/109.2	15.39	158
31	FSTH	TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	NE/115.1	12.83	165
31	FSTH	TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON L3V 6H4	NE/115.1	12.83	165
32	WWIS		4141 WHYTHOFF lot 2 con 4 Orillia ON Well ID: 7127577	WNW/121.1	4.40	166
33	HINC		1060 HURLWOOD LANE ORILLIA ON L3V 6H4	E/121.3	11.39	173
34	WWIS		1198 HAWK RIDGE CR lot 4 con 4 Orillia ON Well ID: 7245721	E/124.7	14.39	173
35	WWIS		lot 3 con 4 ON Well ID: 5737280	WNW/131.0	-0.61	181
36	WWIS		1240 HAWKRIDGE CRES lot 3 con 4 ORILLIA ON Well ID: 7295360	NE/132.8	16.39	185
37	WWIS		lot 5 con 4 ON Well ID: 5740334	E/133.5	12.70	192
38	OPCB	Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	E/134.4	17.89	195
38	OPCB	Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	E/134.4	17.89	195
38	OPCB	Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	E/134.4	17.89	195
38	OPCB	Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	E/134.4	17.89	196

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
38	NPCB	SEVERN TOWNSHIP	P.O. BOX 159 1024 HU RLWOOD ORILLIA ON L3V 6J3	E/134.4	17.89	196
38	CA	The Corporation of the Township of Severn	1024 Hurlwood Lane Orillia ON	E/134.4	17.89	196
38	ECA	The Corporation of the Township of Severn	1024 Hurlwood Lane Orillia ON L3V 6J3	E/134.4	17.89	196
39	WWIS		lot 2 con 4 ON Well ID: 5736301	ENE/136.3	15.35	197
40	EASR	CHARTER CONSTRUCTION LIMITED	4436 Uthhoff LINE Severn ON L3V 6H2	S/138.7	6.71	200
41	PINC	TAILORED GARDENING	1184 HAWK RIDGE CRES.,ORILLIA,ON, L3V 6H4,CA ON	E/150.6	16.39	200
42	WWIS		lot 2 con 4 ON Well ID: 5736302	ENE/150.8	16.08	200
43	WWIS		lot 5 con 4 ON Well ID: 5741424	E/151.4	11.35	204
44	WWIS		lot 1 con 4 ON Well ID: 5734047	NNW/169.9	0.34	207
44	WWIS		lot 1 con 4 ON Well ID: 5729034	NNW/169.9	0.34	211
44	WWIS		lot 1 con 4 ON Well ID: 5730725	NNW/169.9	0.34	215
45	GEN	Hawk Ridge Golf & Country Club	4331 Uthhoff Line Severn ON L3V 8B8	WNW/177.9	-0.15	220
45	PTTW	Hawk Ridge Golf & Country Club c/o Mark Rich Homes Ltd	Hawk Ridge Golf & Country Club Lot: 3, Concession: 4 4331 Uthhoff Line Township	WNW/177.9	-0.15	220

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			of Orillia Severn, County of Simcoe, Ontario ORILLIA ON			
46	CA	MARK RICH HOMES LTD.- WEST STREET	BRODIE DR./WEST STREET ORILLIA TWP. ON	E/180.3	19.78	221
46	CA	RIOCAN HOLDINGS INC.	BURNSIDE LINE/BRODIE DR. ORILLIA ON	E/180.3	19.78	221
47	WWIS		lot 4 con 4 ON <i>Well ID: 5736479</i>	E/183.1	17.12	221
48	GEN	PINE GROVE VETERINARY HOSPITAL	N.E. CORNER OF BRODIE DR & WEST ST.N. ORILLIA ON L3V 6H4	E/190.8	22.39	225
48	GEN	PINE GROVE VETERINARY HOSPITAL 31-584	N.E. CORNER OF BRODIE DR & WEST ST.N. C/O WEST ST. N., R.R. #4 ORILLIA ON L3V 6H4	E/190.8	22.39	226
48	GEN	PINE GROVE VETERINARY HOSPITAL	NORTH EAST CORNER OF BRODIE DRIVE AND WEST STREET NORTH ORILLIA ON L3V 6H4	E/190.8	22.39	226
48	GEN	PINE GROVE VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	227
48	GEN	BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	227
48	GEN	BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	227
48	GEN	BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	228
48	GEN	Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	228
48	GEN	Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	229

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
48	GEN	Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON	E/190.8	22.39	229
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	229
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	230
48	GEN	Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	E/190.8	22.39	230
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	231
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	231
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	232
48	GEN	Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	E/190.8	22.39	232
49	WWIS		lot 4 con 3 ON Well ID: 5720646	SSW/192.1	6.02	233
50	SCT	SPEEDY SIGNS	4337 BURNSIDE LINE UNIT 9 ORILLIA ON L3V	ENE/203.0	22.33	236
50	SCT	PROGRAMMED MOTION INC	WEST ST N RR 4 SUNSET PLAZA ORILLIA ON L3V 6H4	ENE/203.0	22.33	236
50	SCT	Speedy Signs & Truck Lettering - Div. of Rumsey Brothers Construction Ltd.	4337 Burnside Line Unit 9 Orillia ON L3V 6J3	ENE/203.0	22.33	236
50	SCT	Speedy Signs & Truck Lettering	4337 Burnside Line Unit 9 Orillia ON L3V 6H4	ENE/203.0	22.33	237

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
50	SCT	Programmed Motion Inc.	4337 West St N Unit 5 Orillia ON L3V 6H4	ENE/203.0	22.33	237
50	EHS		4337 Burnside Line Orillia ON L3V 6H4	ENE/203.0	22.33	237
51	WWIS		lot 3 con 5 ON Well ID: 5713142	ENE/203.9	21.63	237
52	WWIS		4351 BURNSIDE LINE lot 3 con 5 Orillia ON Well ID: 7314587	E/208.0	22.39	241
53	WWIS		4251 BURNSIDE LINE lot 3 con 5 Orillia ON Well ID: 7388373	ENE/213.8	18.66	248
54	WWIS		lot 3 con 5 ON Well ID: 5713121	ENE/213.9	22.50	254
55	WWIS		230 Uthhoff Line lot 5 con 4 Orillia ON Well ID: 7384375	SE/254.1	12.83	257
56	WWIS		. Uthhoff Line in Orillia lot 5 con 4 ON Well ID: 7408483	SSE/264.4	11.39	261
57	WWIS		lot 5 con 4 ON Well ID: 5738205	SE/285.9	20.12	264
58	PES	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V7X6	E/289.2	22.03	267
58	PES	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V 7X6	E/289.2	22.03	268
58	GEN	Canadian Tire #074	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	268

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
58	PES	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V 7X6	E/289.2	22.03	269
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	269
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	270
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	271
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	272
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON	E/289.2	22.03	273
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	274
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	275
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	276
58	GEN	Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	277
58	PES	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V7X6	E/289.2	22.03	278
58	GEN	Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	278
58	PES	LINBRAAND HOLDINGS LTD.	1017 BRODIE DR SEVERN ON L3V 7X6	E/289.2	22.03	279

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
58	GEN	Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	279
58	GEN	Canadian Tire Real Estate Limited	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	280
58	GEN	Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	E/289.2	22.03	280
58	GEN	FGL SPORTS LIMITED	1017 Brodie Drive Unit# 101 Orillia ON L3V 6H4	E/289.2	22.03	281
59	WWIS		lot 1 con 4 ON Well ID: 5702962	WNW/300.1	12.42	281

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the Township of Severn	1024 Hurlwood Lane Orillia ON	134.4	38
RIOCAN HOLDINGS INC.	BURNSIDE LINE/BRODIE DR. ORILLIA ON	180.3	46
MARK RICH HOMES LTD.-WEST STREET	BRODIE DR./WEST STREET ORILLIA TWP. ON	180.3	46

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Jul 31, 2024 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHARTER CONSTRUCTION LIMITED	4436 Uthhoff LINE Severn ON L3V 6H2	138.7	40

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2024 has found that there are 2 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Orillia	Orillia ON L3V 7T5	0.0	5
The Corporation of the Township of Severn	1024 Hurlwood Lane Orillia ON L3V 6J3	134.4	38

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 2 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Ilneh Farm/Area 3 Orillia ON	7.4	<u>9</u>
	4337 Burnside Line Orillia ON L3V 6H4	203.0	<u>50</u>

FST - Fuel Storage Tank

A search of the FST database, dated Oct 2023 has found that there are 2 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	82.5	<u>20</u>
TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	82.5	<u>20</u>

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON	115.1	<u>31</u>
TWP OF SEVERN	4251 BURNSIDE LINE ORILLIA ON L3V 6H4	115.1	<u>31</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 45 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MARK RICH HOMES LTD.	4331 UHTHOFF LINE ORILLIA ON L3V 6H2	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H2	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Severn ON L3V 8B8	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Severn ON L3V 8B8	0.0	<u>6</u>
Hawk Ridge Golf & Country Club	4331 Uhthoff Line Orillia ON L3V 6H4	0.0	<u>6</u>

Site	Address	Distance (m)	Map Key
Hawk Ridge Golf & Country Club	4331 Uthhoff Line Orillia ON L3V 6H2	0.0	<u>6</u>
Union Gas Limited	4243 Burnside Line Orillia ON N7M5M1	76.7	<u>18</u>
Union Gas Limited	4243 Burnside Line Orillia ON N7M5M1	76.7	<u>18</u>
Hawk Ridge Golf & Country Club	4331 Uthhoff Line Severn ON L3V 8B8	177.9	<u>45</u>
PINE GROVE VETERINARY HOSPITAL	N.E. CORNER OF BRODIE DR & WEST ST. N. ORILLIA ON L3V 6H4	190.8	<u>48</u>
PINE GROVE VETERINARY HOSPITAL 31-584	N.E. CORNER OF BRODIE DR & WEST ST. N. C/O WEST ST. N., R.R. #4 ORILLIA ON L3V 6H4	190.8	<u>48</u>
PINE GROVE VETERINARY HOSPITAL	NORTH EAST CORNER OF BRODIE DRIVE AND WEST STREET NORTH ORILLIA ON L3V 6H4	190.8	<u>48</u>
PINE GROVE VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
BOOTH VETERINARY HOSPITAL	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE ORILLIA ON L3V 6H4	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
Allin Veterinary	4351 BURNSIDE LINE Severn ON L3V 0W1	190.8	<u>48</u>
FGL SPORTS LIMITED	1017 Brodie Drive Unit# 101 Orillia ON L3V 6H4	289.2	<u>58</u>
Canadian Tire #074	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>

Site	Address	Distance (m)	Map Key
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Dave Beaton Enterprises Inc.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>
Canadian Tire Real Estate Limited	1017 Brodie Drive Orillia ON L3V 7X6	289.2	<u>58</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lindbram Holdings Ltd.	1017 Brodie Drive Orillia ON L3V 7X6	289.2	58

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1060 HURLWOOD LANE ORILLIA ON L3V 6H4	121.3	33

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 1 NPCB site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SEVERN TOWNSHIP	P.O. BOX 159 1024 HU RLWOOD ORILLIA ON L3V 6J3	134.4	38

NPR2 - National Pollutant Release Inventory 1993-2020

A search of the NPR2 database, dated Sep 2020 has found that there are 1 NPR2 site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ORILLIA PIT 48	4364 UHTHOFF LINE ORILLIA ON	12.9	10

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 4 OPCB site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	134.4	38
Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	134.4	38
Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	134.4	38
Severn Township	P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	134.4	38

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Jul 31, 2024 has found that there are 5 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V7X6	289.2	58
CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V 7X6	289.2	58
CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V 7X6	289.2	58
LINBRAAND HOLDINGS LTD.	1017 BRODIE DR SEVERN ON L3V 7X6	289.2	58
CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD	1017 BRODIE DR ORILLIA ON L3V7X6	289.2	58

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TAILORED GARDENING	1184 HAWK RIDGE CRES,,ORILLIA,ON,L3V 6H4,CA ON	150.6	41

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - July 31, 2024 has found that there are 4 PTTW site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2800319 Ontario Inc., as general partner for and on behalf of Liv (Hawk Ridge)	LP 1151 Hurlwood Lane Lot 3, Concession 4 Severn, ON Canada ON	0.0	1
HRGCC Inc. operating as Hawk Ridge Golf & Country Club	1151 Hurlwood Lane Severn, ON L3V 0Y6 Canada ON	0.0	1
Mark Rich Homes Ltd	Golf Course located at 1151 Hurlwood Lane, Orillia, ON CITY OF ORILLIA ON	0.0	1
Hawk Ridge Golf & Country Club c/o Mark Rich Homes Ltd	Hawk Ridge Golf & Country Club Lot: 3, Concession: 4 4331 Uthoff Line Township of Orillia Severn, County of Simcoe, Ontario ORILLIA ON	177.9	45

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 5 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PROGRAMMED MOTION INC	WEST ST N RR 4 SUNSET PLAZA ORILLIA ON L3V 6H4	203.0	50
SPEEDY SIGNS	4337 BURNSIDE LINE UNIT 9 ORILLIA ON L3V	203.0	50

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Programmed Motion Inc.	4337 West St N Unit 5 Orillia ON L3V 6H4	203.0	50
Speedy Signs & Truck Lettering - Div. of Rumsey Brothers Construction Ltd.	4337 Burnside Line Unit 9 Orillia ON L3V 6J3	203.0	50
Speedy Signs & Truck Lettering	4337 Burnside Line Unit 9 Orillia ON L3V 6H4	203.0	50

SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2024; May 2024 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1281 Hawk Ridge Rd, Orillia SEVERN ON	87.1	24

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 51 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 4 con 4 ON <i>Well ID: 5728256</i>	0.0	2
	lot 4 con 4 ON <i>Well ID: 5736633</i>	0.0	3
	lot 4 con 4 ON <i>Well ID: 5736634</i>	0.0	3
	lot 4 con 4 ON <i>Well ID: 5736975</i>	0.0	3

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 4 con 4 ON <i>Well ID: 5733936</i>	0.0	<u>4</u>
	lot 4 con 4 ON <i>Well ID: 5733937</i>	0.0	<u>4</u>
	lot 4 con 4 ON <i>Well ID: 5734817</i>	0.0	<u>4</u>
	lot 4 con 4 ON <i>Well ID: 5734818</i>	0.0	<u>4</u>
	lot 4 con 4 ON <i>Well ID: 5734819</i>	0.0	<u>4</u>
	lot 4 con 4 ON <i>Well ID: 5734820</i>	0.0	<u>4</u>
	lot 5 con 4 ON <i>Well ID: 5738630</i>	0.0	<u>7</u>
	lot 2 con 4 ON <i>Well ID: 5732745</i>	3.8	<u>8</u>
	lot 2 con 4 ON <i>Well ID: 5733313</i>	3.8	<u>8</u>
	lot 4 con 4 ON <i>Well ID: 5730577</i>	17.3	<u>11</u>
	lot 4 con 4 ON <i>Well ID: 5738871</i>	56.9	<u>12</u>
	lot 5 con 4 ON	60.7	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID: 5741425</i>		
	lot 3 con 4 ON	64.6	<u>14</u>
	<i>Well ID: 5714909</i>		
	lot 1 con 4 ON	69.2	<u>15</u>
	<i>Well ID: 5715557</i>		
	lot 4 con 4 ON	71.9	<u>16</u>
	<i>Well ID: 5707057</i>		
	1046 lot 5 con 4 ON	76.2	<u>17</u>
	<i>Well ID: 5741423</i>		
	1201 Hawk Ridge Cres. lot 3 con 4 Orillia ON	77.4	<u>19</u>
	<i>Well ID: 7381917</i>		
	lot 4 con 4 ON	84.3	<u>21</u>
	<i>Well ID: 5731274</i>		
	lot 5 con 4 ON	86.0	<u>22</u>
	<i>Well ID: 5740341</i>		
	lot 4 con 4 ON	87.0	<u>23</u>
	<i>Well ID: 5730597</i>		
	lot 4 con 4 ON	89.0	<u>25</u>
	<i>Well ID: 5730598</i>		
	lot 5 con 4 ON	93.6	<u>26</u>
	<i>Well ID: 5740343</i>		
	lot 3 con 5 ON	105.8	<u>27</u>
	<i>Well ID: 5702973</i>		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1211 HAWKRIDGE CRES lot 4 con 4 ORILLIA ON <i>Well ID: 5741448</i>	106.2	<u>28</u>
	4260 BURNSIDE LINE lot 3 con 4 Orillia ON <i>Well ID: 7324663</i>	107.0	<u>29</u>
	1034 Hurlwood Lane lot 4 con 4 Severn ON <i>Well ID: 7402038</i>	109.2	<u>30</u>
	4141 WHYTHOFF lot 2 con 4 Orillia ON <i>Well ID: 7127577</i>	121.1	<u>32</u>
	1198 HAWK RIDGE CR lot 4 con 4 Orillia ON <i>Well ID: 7245721</i>	124.7	<u>34</u>
	lot 3 con 4 ON <i>Well ID: 5737280</i>	131.0	<u>35</u>
	1240 HAWKRIDGE CRES lot 3 con 4 ORILLIA ON <i>Well ID: 7295360</i>	132.8	<u>36</u>
	lot 5 con 4 ON <i>Well ID: 5740334</i>	133.5	<u>37</u>
	lot 2 con 4 ON <i>Well ID: 5736301</i>	136.3	<u>39</u>
	lot 2 con 4 ON <i>Well ID: 5736302</i>	150.8	<u>42</u>
	lot 5 con 4 ON <i>Well ID: 5741424</i>	151.4	<u>43</u>
	lot 1 con 4 ON	169.9	<u>44</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 5730725		
	lot 1 con 4 ON	169.9	44
	<i>Well ID:</i> 5734047		
	lot 1 con 4 ON	169.9	44
	<i>Well ID:</i> 5729034		
	lot 4 con 4 ON	183.1	47
	<i>Well ID:</i> 5736479		
	lot 4 con 3 ON	192.1	49
	<i>Well ID:</i> 5720646		
	lot 3 con 5 ON	203.9	51
	<i>Well ID:</i> 5713142		
	4351 BURNSIDE LINE lot 3 con 5 Orillia ON	208.0	52
	<i>Well ID:</i> 7314587		
	4251 BURNSIDE LINE lot 3 con 5 Orillia ON	213.8	53
	<i>Well ID:</i> 7388373		
	lot 3 con 5 ON	213.9	54
	<i>Well ID:</i> 5713121		
	230 Uthoff Line lot 5 con 4 Orillia ON	254.1	55
	<i>Well ID:</i> 7384375		
	. Uthoff Line in Orillia lot 5 con 4 ON	264.4	56
	<i>Well ID:</i> 7408483		
	lot 5 con 4 ON	285.9	57
	<i>Well ID:</i> 5738205		

Site

Address

Distance (m)

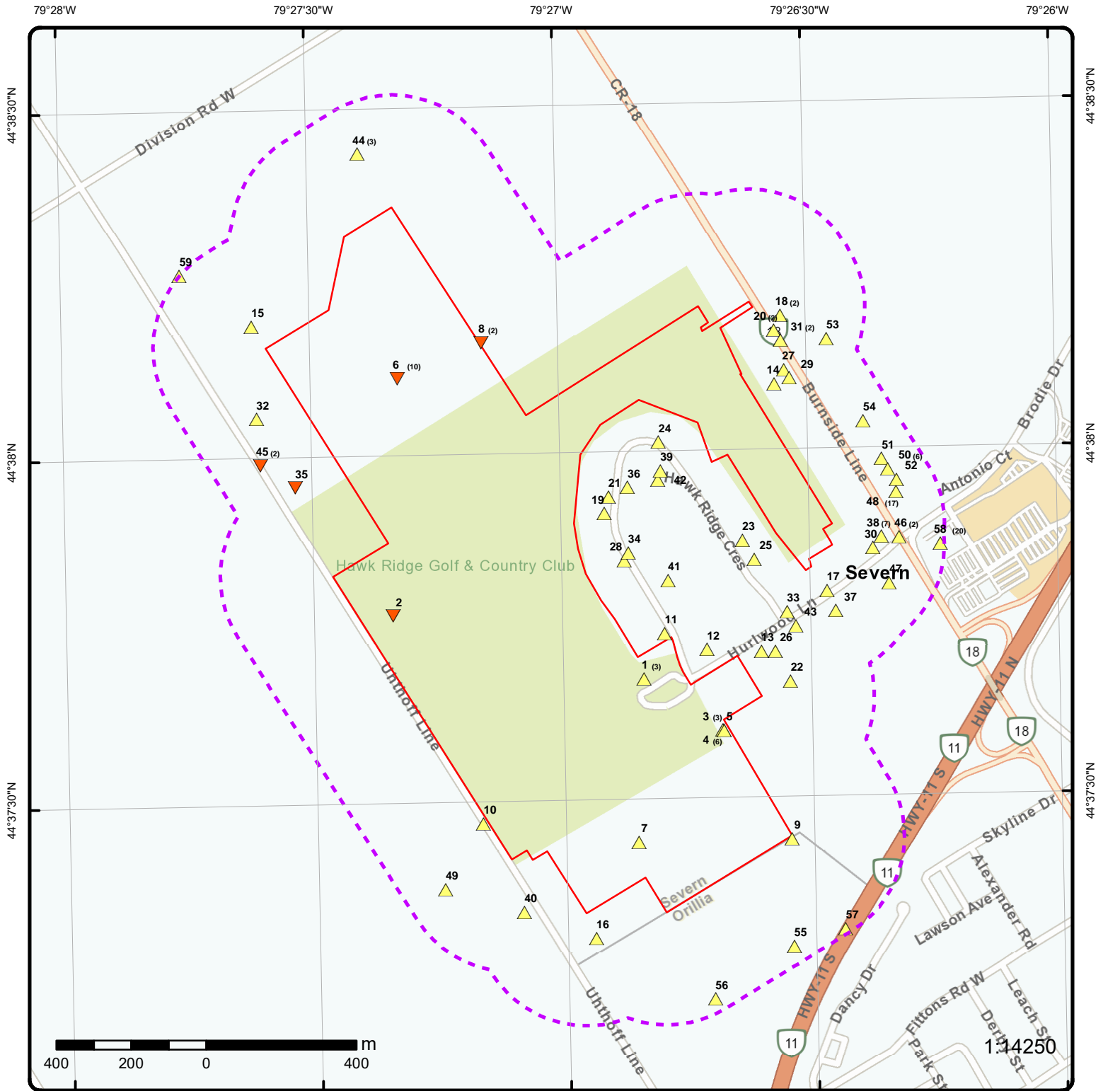
Map Key

lot 1 con 4
ON

300.1

[59](#)

Well ID: 5702962



Map: 0.3 Kilometer Radius

Order Number: 24090600513

Address: 1151 Hurlwood Lane, Severn, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Lower Elevation	Local Road	Military Base	Park (National)
Eris Sites with Unknown Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
	Rail	Native Reservation	
		Hospital	

79°27'W

44°37'30"N

44°37'30"N



310 155 0 310 m

1:12496

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2020

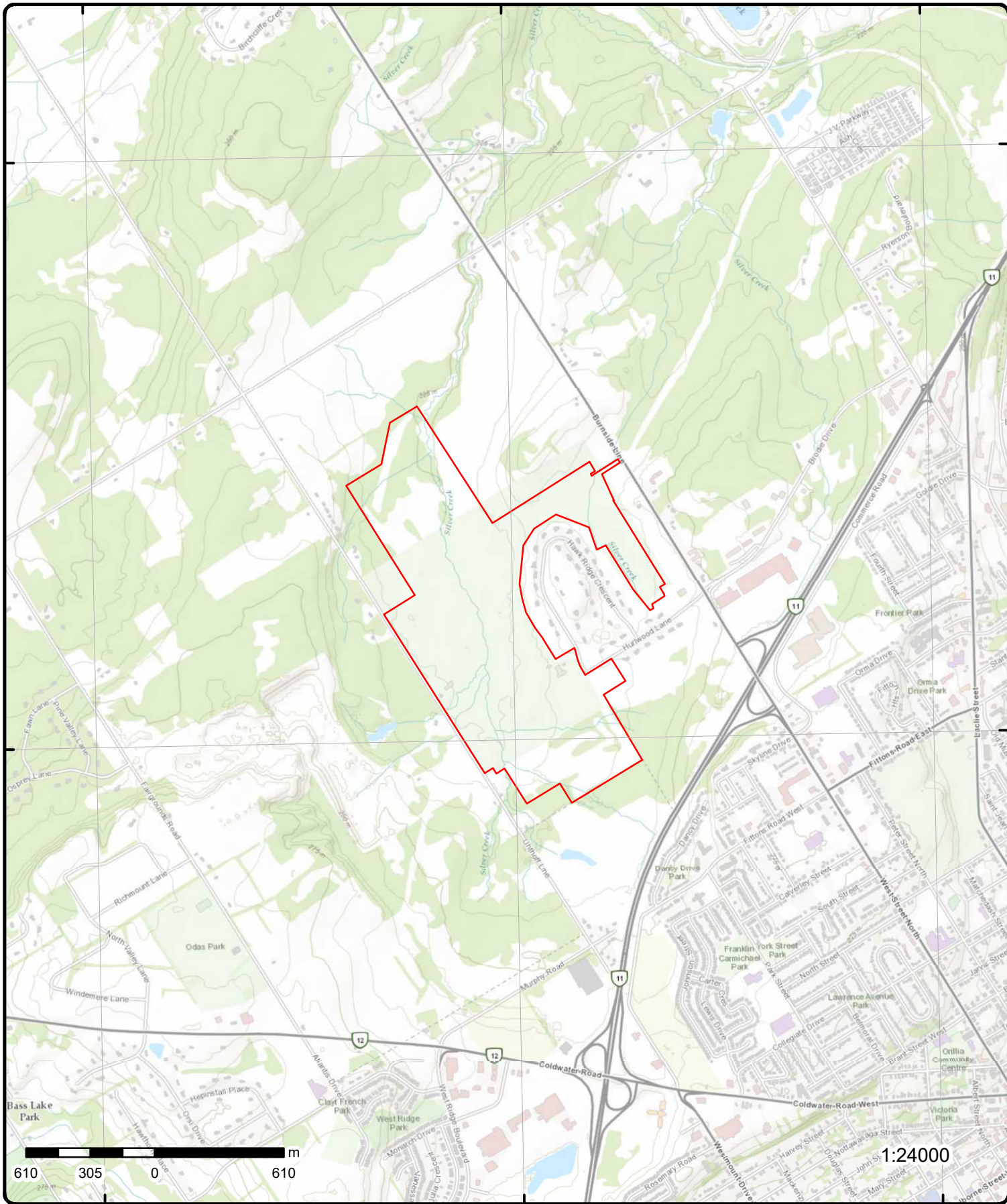
Order Number: 24090600513

Address: 1151 Hurlwood Lane, Severn, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 1151 Hurlwood Lane, ON

Source: ESRI World Topographic Map

Order Number: 24090600513



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 3	SE/0.0	238.1 / 8.62	Mark Rich Homes Ltd Golf Course located at 1151 Hurlwood Lane, Orillia, ON CITY OF ORILLIA ON	PTTW
<p>EBR Registry No: IA05E0508 Ministry Ref No: 3850-6BGHDV Notice Type: Instrument Decision Notice Stage: Notice Date: July 05, 2005 Proposal Date: April 15, 2005 Year: 2005 Instrument Type: (OWRA s. 34) - Permit to Take Water Off Instrument Name: Posted By: Company Name: Mark Rich Homes Ltd Site Address: Location Other: Proponent Name: Proponent Address: c/o Hawk Ridge Golf & Country Club, 1151 Hurlwood Lane, R.R. #4, Orillia Ontario, L3V 6H4 Comment Period: URL:</p> <p>Site Location Details: Golf Course located at 1151 Hurlwood Lane, Orillia, ON CITY OF ORILLIA</p>					

<u>1</u>	2 of 3	SE/0.0	238.1 / 8.62	HRGCC Inc. operating as Hawk Ridge Golf & Country Club 1151 Hurlwood Lane Severn, ON L3V 0Y6 Canada ON	PTTW
<p>EBR Registry No: 019-1911 Ministry Ref No: 2550-BP6G4G Notice Type: Instrument Notice Stage: Proposal Updated Notice Date: Proposal Date: June 11, 2020 Year: 2020 Instrument Type: Permit to take water Off Instrument Name: Permit to Take Water (OWRA s. 34) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 1151 Hurlwood Lane Severn, ON L3V 0Y6 Canada Location Other: Proponent Name: HRGCC Inc. operating as Hawk Ridge Golf & Country Club Proponent Address: HRGCC Inc. operating as Hawk Ridge Golf & Country Club 1151 Hurlwood Lane Simcoe, ON L3V 0Y6 Canada Comment Period: June 11, 2020 - July 11, 2020 (30 days) Closed URL: https://ero.ontario.ca/notice/019-1911</p> <p>Site Location Details:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Lot 3, Concession 4, Southern Division

1	3 of 3	SE/0.0	238.1 / 8.62	2800319 Ontario Inc., as general partner for and on behalf of Liv (Hawk Ridge) LP 1151 Hurlwood Lane Lot 3, Concession 4 Severn, ON Canada ON	PTTW
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EBR Registry No:	019-8719	Decision Posted:	
Ministry Ref No:	4508-D4KLZF	Exception Posted:	
Notice Type:	Instrument	Section:	Section 34
Notice Stage:	Proposal	Act 1:	Ontario Water Resources Act, R.S.O. 1990
Notice Date:		Act 2:	Ontario Water Resources Act
Proposal Date:	May 24, 2024	Site Location Map:	44.627881,-79.447356
Year:	2024		
Instrument Type:	Permit to take water		
Off Instrument Name:	Permit to Take Water (OWRA s. 34)		
Posted By:	Ministry of the Environment, Conservation and Parks		
Company Name:			
Site Address:	1151 Hurlwood Lane Lot 3, Concession 4 Severn, ON Canada		
Location Other:			
Proponent Name:	2800319 Ontario Inc., as general partner for and on behalf of Liv (Hawk Ridge) LP		
Proponent Address:	2800319 Ontario Inc., as general partner for and on behalf of Liv (Hawk Ridge) LP 301 - 1005 Skyview Road Burlington, ON L7P 5B1 Canada		
Comment Period:	May 24, 2024 - June 23, 2024 (30 days) Open		
URL:	https://ero.ontario.ca/notice/019-8719		

Site Location Details:

2	1 of 1	W/0.0	228.9 / -0.55	lot 4 con 4 ON	WWIS
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Well ID:	5728256	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/15/1991
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	104166	Contractor:	3903
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5728256.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/02/1989
Year Completed: 1989
Depth (m): 18.8976
Latitude: 44.6294872960219
Longitude: -79.4557397645493
X: -79.45573961153664
Y: 44.62948729511153
Path: 572\5728256.pdf

Bore Hole Information

Bore Hole ID:	10405831	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622493.40
Code OB Desc:		North83:	4942952.30
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/02/1989	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	Field
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932378013
Layer: 1
Color: 8
General Color: BLACK
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932378016
Layer: 4
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 77

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:		LOOSE			
Formation Top Depth:		41.0			
Formation End Depth:		61.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932378014			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		3.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932378015			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		84			
Material 2 Desc:		SILTY			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		12.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932378017			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		66			
Material 2 Desc:		DENSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		61.0			
Formation End Depth:		62.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933191519			
Layer:		1			
Plug From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		10.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933191521			
Layer:		3			
Plug From:		20.0			
Plug To:		50.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933191520			
Layer:		2			
Plug From:		10.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965728256			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10954401			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930659590			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		51.0			
Casing Diameter:		7.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933376209			
Layer:		1			
Slot:		040			
Screen Top Depth:		51.0			
Screen End Depth:		61.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.75			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995728256			
Pump Set At:					
Static Level:		1.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		60.0			
Flowing Rate:					
Recommended Pump Rate:		50.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934835606			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934578337			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935102473			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934311330			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933888286			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		61.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 3	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
Well ID:		5736633		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:		231898		Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736633.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/10/2001			
Year Completed:		2001			
Depth (m):		26.2128			
Latitude:		44.6266077112797			
Longitude:		-79.4447516546248			
X:		-79.44475150094073			
Y:		44.62660770999389			
Path:		573\5736633.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10527645		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		12/10/2001		UTMRC Desc:	
Remarks:				Location Method:	
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932870735			
Layer:		4			
Color:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		79.0			
Formation End Depth:		86.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932870732			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		01			
Material 2 Desc:		FILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932870733			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932870734			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		60			
Material 2 Desc:		CEMENTED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228458			
Layer:		1			
Plug From:		0.0			
Plug To:		81.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736633			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076215			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670032			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933402595			
Layer:		1			
Slot:		016			
Screen Top Depth:		81.0			
Screen End Depth:		86.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995736633			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		48			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934321703			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934587357			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935111301			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		9.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934843819			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		13.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934020555			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			
<u>3</u>	2 of 3	ESE/0.0	238.5/ 9.08	lot 4 con 4 ON	WWIS
Well ID:		5736634		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:		231900		Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevatn Reliabilty:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736634.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/17/2001
Year Completed: 2001
Depth (m): 22.86
Latitude: 44.6266077112797
Longitude: -79.4447516546248
X: -79.44475150094073
Y: 44.62660770999389
Path: 573\5736634.pdf

Bore Hole Information

Bore Hole ID:	10527646	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623371.10
Code OB Desc:		North83:	4942649.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/17/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932870736
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932870738			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932870739			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		18.0			
Formation End Depth:		64.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932870740			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		64.0			
Formation End Depth:		69.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932870737			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		15.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932870741			
Layer:		6			
Color:		6			
General Color:		BROWN			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		69.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228460			
Layer:		2			
Plug From:		61.0			
Plug To:		67.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228459			
Layer:		1			
Plug From:		0.0			
Plug To:		61.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736634			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076216			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670033			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930670034			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933402596			
Layer:		1			
Slot:					
Screen Top Depth:		71.0			
Screen End Depth:		77.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995736634			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		62.0			
Recommended Pump Depth:		73.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		934020556			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			

3 3 of 3 **ESE/0.0** **238.5 / 9.08** **lot 4 con 4** **WWIS**
ON

Well ID: 5736975 **Flowing (Y/N):**
Construction Date: **Flow Rate:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Water Supply		Date Received:	06/12/2002
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	244650			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736975.pdf			

Additional Detail(s) (Map)

Well Completed Date: 05/13/2002
Year Completed: 2002
Depth (m): 24.384
Latitude: 44.6266077112797
Longitude: -79.4447516546248
X: -79.44475150094073
Y: 44.62660770999389
Path: 573\5736975.pdf

Bore Hole Information

Bore Hole ID:	10527987	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623371.10
Code OB Desc:		North83:	4942649.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/13/2002	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932872259
Layer: 3
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:			7.0		
Formation End Depth:			12.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932872258		
Layer:			2		
Color:			6		
General Color:			BROWN		
Material 1:			28		
Material 1 Desc:			SAND		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			3.0		
Formation End Depth:			7.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932872261		
Layer:			5		
Color:			6		
General Color:			BROWN		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:			13		
Material 2 Desc:			BOULDERS		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			76.0		
Formation End Depth:			80.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932872260		
Layer:			4		
Color:			2		
General Color:			GREY		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:			13		
Material 2 Desc:			BOULDERS		
Material 3:			73		
Material 3 Desc:			HARD		
Formation Top Depth:			12.0		
Formation End Depth:			76.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932872257		
Layer:			1		
Color:			6		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228758			
Layer:		2			
Plug From:		75.0			
Plug To:		76.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933228757			
Layer:		1			
Plug From:		0.0			
Plug To:		75.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736975			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11076557			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670521			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		7.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933402729			
Layer:		1			
Slot:		018			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Screen Top Depth: 76.0
 Screen End Depth: 80.0
 Screen Material:
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
 Pump Test ID: 995736975
 Pump Set At:
 Static Level: 4.0
 Final Level After Pumping: 52.0
 Recommended Pump Depth: 75.0
 Pumping Rate: 6.0
 Flowing Rate:
 Recommended Pump Rate: 6.0
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 8
 Pumping Duration MIN:
 Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934322807
 Test Type: Recovery
 Test Duration: 15
 Test Level: 15.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934588463
 Test Type: Recovery
 Test Duration: 30
 Test Level: 4.0
 Test Level UOM: ft

Water Details

Water ID: 934020897
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 79.0
 Water Found Depth UOM: ft

4	1 of 6	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
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Well ID:	5733936	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	01/05/1999
Water Type:		Selected Flag:	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Abandonment Rec:	
Audit No:	193069			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5733936.pdf			

Additional Detail(s) (Map)

Well Completed Date: 11/19/1998
Year Completed: 1998
Depth (m): 23.1648
Latitude: 44.6266161097192
Longitude: -79.4447073085541
X: -79.4447071556202
Y: 44.626616108878466
Path: 573\5733936.pdf

Bore Hole Information

Bore Hole ID:	10411468	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623374.60
Code OB Desc:		North83:	4942650.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/19/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932406236
Layer: 4
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406233			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406237			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		37.0			
Formation End Depth:		73.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406235			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		25.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406234			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		85			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406238			
Layer:		6			
Color:		6			
General Color:		BROWN			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		73.0			
Formation End Depth:		76.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933196519			
Layer:		1			
Plug From:		0.0			
Plug To:		73.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965733936			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960038			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930666606			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		73.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		933379535			
Layer:		1			
Slot:		014			
Screen Top Depth:		73.0			
Screen End Depth:		76.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995733936			
Pump Set At:					
Static Level:		1.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934321657			
Test Type:					
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935102820			
Test Type:					
Test Duration:		60			
Test Level:		33.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934578703			
Test Type:					
Test Duration:		30			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934844245			
Test Type:					
Test Duration:		45			
Test Level:		32.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933894076			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		73.0			
Water Found Depth UOM:		ft			

<u>4</u>	2 of 6	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
Well ID:	5733937			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/05/1999
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	193068			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5733937.pdf				

Additional Detail(s) (Map)

Well Completed Date:	11/26/1998
Year Completed:	1998
Depth (m):	20.7264
Latitude:	44.6266161097192
Longitude:	-79.4447073085541
X:	-79.4447071556202
Y:	44.626616108878466
Path:	573\5733937.pdf

Bore Hole Information

Bore Hole ID:	10411469	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623374.60
Code OB Desc:		North83:	4942650.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/26/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 932406239
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932406242
Layer: 4
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932406241
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 90
Material 3 Desc: VERY
Formation Top Depth: 18.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932406240
Layer: 2
Color: 2
General Color: GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933196520			
Layer:		1			
Plug From:		0.0			
Plug To:		64.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965733937			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960039			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930666607			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933379536			
Layer:		1			
Slot:		020			
Screen Top Depth:		64.0			
Screen End Depth:		68.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID: 995733937					
Pump Set At:					
Static Level: 0.0					
Final Level After Pumping: 24.0					
Recommended Pump Depth: 60.0					
Pumping Rate: 4.0					
Flowing Rate:					
Recommended Pump Rate: 4.0					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 3					
Pumping Duration MIN:					
Flowing: No					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934321658					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 15.0					
Test Level UOM: ft					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934578704					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 18.0					
Test Level UOM: ft					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934844246					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 19.0					
Test Level UOM: ft					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 935102821					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 20.0					
Test Level UOM: ft					
 <u>Water Details</u>					
Water ID: 933894077					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 64.0					
Water Found Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5734817			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/14/2000
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	202853			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5734817.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/26/1999
Year Completed: 1999
Depth (m): 24.0792
Latitude: 44.6266161097192
Longitude: -79.4447073085541
X: -79.4447071556202
Y: 44.626616108878466
Path: 573\5734817.pdf

Bore Hole Information

Bore Hole ID:	10412347	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623374.60
Code OB Desc:		North83:	4942650.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/26/1999	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 932410529
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		74.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410527			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410528			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		15.0			
Formation End Depth:		74.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933197279			
Layer:		1			
Plug From:		0.0			
Plug To:		74.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965734817			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960917			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930667740
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 74.0
 Casing Diameter: 6.0
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933380090
 Layer: 1
 Slot: 020
 Screen Top Depth: 74.0
 Screen End Depth: 79.0
 Screen Material:
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
 Pump Test ID: 995734817
 Pump Set At:
 Static Level: 2.0
 Final Level After Pumping: 40.0
 Recommended Pump Depth: 70.0
 Pumping Rate: 5.0
 Flowing Rate:
 Recommended Pump Rate: 5.0
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 72
 Pumping Duration MIN: 0
 Flowing: No

Water Details

Water ID: 933894964
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 75.0
 Water Found Depth UOM: ft

4	4 of 6	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
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Well ID: 5734818
 Construction Date:
 Flowing (Y/N):
 Flow Rate:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Water Supply		Date Received:	01/14/2000
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	202857			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5734818.pdf			

Additional Detail(s) (Map)

Well Completed Date: 09/24/1999
Year Completed: 1999
Depth (m): 24.0792
Latitude: 44.6266161097192
Longitude: -79.4447073085541
X: -79.4447071556202
Y: 44.626616108878466
Path: 573\5734818.pdf

Bore Hole Information

Bore Hole ID:	10412348	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623374.60
Code OB Desc:		North83:	4942650.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/24/1999	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932410530
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		74.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410531			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		71			
Material 3 Desc:		FRACTURED			
Formation Top Depth:		74.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965734818			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960918			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930667741			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		74.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933380091			
Layer:		1			
Slot:		020			
Screen Top Depth:		74.0			
Screen End Depth:		79.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995734818
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 70.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 8
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933894965
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.0
Water Found Depth UOM: ft

4	5 of 6	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
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Well ID: 5734819 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 202856 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info:	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 01/14/2000 Selected Flag: TRUE Abandonment Rec: Contractor: 1851 Form Version: 1 Owner: County: SIMCOE Lot: 004 Concession: 04 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5734819.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/30/1999
Year Completed: 1999
Depth (m): 25.6032
Latitude: 44.6266161097192
Longitude: -79.4447073085541
X: -79.4447071556202

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Y: Path:		44.626616108878466 573\5734819.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10412349			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623374.60
Code OB Desc:				North83:	4942650.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	09/30/1999			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932410532				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:	13				
Material 2 Desc:	BOULDERS				
Material 3:	11				
Material 3 Desc:	GRAVEL				
Formation Top Depth:	0.0				
Formation End Depth:	79.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932410533				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	71				
Material 3 Desc:	FRACTURED				
Formation Top Depth:	79.0				
Formation End Depth:	84.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965734819				
Method Construction Code:	1				
Method Construction:	Cable Tool				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960919			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930667742			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		79.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933380092			
Layer:		1			
Slot:		020			
Screen Top Depth:		79.0			
Screen End Depth:		84.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995734819			
Pump Set At:					
Static Level:		7.0			
Final Level After Pumping:		65.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933894966			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		82.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	6 of 6	ESE/0.0	238.5 / 9.08	lot 4 con 4 ON	WWIS
Well ID:		5734820		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:		202854		Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5734820.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/19/1999			
Year Completed:		1999			
Depth (m):		21.0312			
Latitude:		44.6266161097192			
Longitude:		-79.4447073085541			
X:		-79.4447071556202			
Y:		44.626616108878466			
Path:		573\5734820.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10412350		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		08/19/1999		UTMRC Desc:	
Remarks:				Location Method:	
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410536			
Layer:		3			
Color:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		64.0			
Formation End Depth:		69.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410535			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		12.0			
Formation End Depth:		64.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932410534			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965734820			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10960920			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930667743			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933380093			
Layer:		1			
Slot:		016			
Screen Top Depth:		62.0			
Screen End Depth:		67.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995734820			
Pump Set At:					
Static Level:		1.0			
Final Level After Pumping:		58.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847047			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935096303			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934590570			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934316140			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		36.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933894967			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		64.0			
Water Found Depth UOM:		ft			

<u>5</u>	1 of 1	ESE/0.0	238.5 / 9.08	The Corporation of the City of Orillia Orillia ON L3V 7T5	ECA
Approval No:	7144-4MDJ7V			MOE District: Barrie	
Approval Date:	2000-07-19			City:	
Status:	Approved			Longitude: -79.4447	
Record Type:	ECA			Latitude: 44.6266	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Severn Sound			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	The Corporation of the City of Orillia				
Address:					
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8478-4L4N9G-14.pdf				
PDF Site Location:					

<u>6</u>	1 of 10	NW/0.0	224.9 / -4.61	MARK RICH HOMES LTD. 4331 UHTHOFF LINE ORILLIA ON L3V 6H2	GEN
Generator No:	ON1883801				
SIC Code:	4011				
SIC Description:	SINGLE FAMILY HOUS.				
Approval Years:	96,97,98,99,00,01				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthoff Line Orillia ON L3V 6H2	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		General Automotive Repair			
Approval Years:		07,08			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
6	3 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthoff Line Orillia ON L3V 6H2	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		General Automotive Repair			
Approval Years:		2009			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
6	4 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthoff Line Orillia ON L3V 6H2	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		General Automotive Repair			
Approval Years:		2010			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>6</u>	5 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthhoff Line Orillia ON L3V 6H2	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		General Automotive Repair			
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>6</u>	6 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthhoff Line Orillia ON L3V 6H2	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		General Automotive Repair			
Approval Years:		2012			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>6</u>	7 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthhoff Line Orillia ON	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		GENERAL AUTOMOTIVE REPAIR			
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>6</u>	8 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uhthoff Line Severn ON L3V 8B8	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		GENERAL AUTOMOTIVE REPAIR			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Liz Summerfield			
Choice of Contact:		CO_ADMIN			
Phone No Admin:		1-705-327-1610 Ext.31			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>6</u>	9 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uhthoff Line Severn ON L3V 8B8	GEN
Generator No:		ON2803613			
SIC Code:		811111			
SIC Description:		GENERAL AUTOMOTIVE REPAIR			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Liz Summerfield			
Choice of Contact:		CO_ADMIN			
Phone No Admin:		1-705-327-1610 Ext.31			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	10 of 10	NW/0.0	224.9 / -4.61	Hawk Ridge Golf & Country Club 4331 Uthhoff Line Orillia ON L3V 6H4	GEN

Generator No: ON2803613
SIC Code: 811111
SIC Description: GENERAL AUTOMOTIVE REPAIR
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Liz Summerfield
Choice of Contact: CO_ADMIN
Phone No Admin: 1-705-327-1610 Ext.31
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

<u>7</u>	1 of 1	SSE/0.0	235.3 / 5.87	lot 5 con 4 ON	WWIS
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Well ID:	5738630	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	03/25/2004
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z03817	Contractor:	1851
Tag:	A003725	Form Version:	3
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5738630.pdf		

Additional Detail(s) (Map)

Well Completed Date: 03/03/2004
Year Completed: 2004
Depth (m): 24.0792
Latitude: 44.6239552062045
Longitude: -79.4476348119523
X: -79.44763465843624
Y: 44.623955204602254
Path: 573\5738630.pdf

Bore Hole Information

Bore Hole ID: 11107549 **Elevation:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623148.00
Code OB Desc:				North83:	4942350.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	03/03/2004			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 932963193
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932963195
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 69.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932963197
Layer: 5
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		73.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932963194			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932963196			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		69.0			
Formation End Depth:		73.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933251300			
Layer:		1			
Plug From:		0.0			
Plug To:		69.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965738630			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11114866			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Casing

Casing ID: 930840765
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.20000000298023224
Depth To: 69.0
Casing Diameter: 69.0999984741211
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933408466
Layer: 1
Slot: 014
Screen Top Depth: 69.0
Screen End Depth: 73.0
Screen Material: 1
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.25

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11119146
Pump Set At: 70.0
Static Level: 2.0
Final Level After Pumping: 36.0
Recommended Pump Depth: 65.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 70.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11160449
Test Type: Draw Down
Test Duration: 0
Test Level: 2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11160450
Test Type: Recovery
Test Duration: 1
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pump Test Detail ID:</i>		11160455			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		14.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160458			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		8.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160460			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160456			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		12.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160459			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		7.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160451			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		60.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160452			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		43.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11160457			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11160453			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11160454			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		31.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934048876			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		69.0			
Water Found Depth UOM:		ft			

<u>8</u>	1 of 2	NNW/3.8	229.1 / -0.34	lot 2 con 4 ON	WWIS
Well ID:	5732745				
Construction Date:				Flowing (Y/N):	
Use 1st:	Domestic			Flow Rate:	
Use 2nd:				Data Entry Status:	
Final Well Status:	Water Supply			Data Src:	1
Water Type:				Date Received:	05/26/1997
Casing Material:				Selected Flag:	TRUE
Audit No:	161536			Abandonment Rec:	
Tag:				Contractor:	4919
Constructn Method:				Form Version:	1
Elevation (m):				Owner:	
Elevatn Reliabilty:				County:	SIMCOE
Depth to Bedrock:				Lot:	002
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	SD
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Clear/Cloudy:				Zone:	
Municipality:	ORILLIA TOWNSHIP			UTM Reliability:	
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5732745.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/01/1996
Year Completed:	1996
Depth (m):	18.288
Latitude:	44.6360052438187
Longitude:	-79.4526266213097
X:	-79.45262646707454

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Y:		44.636005242994685			
Path:		573\5732745.pdf			

Bore Hole Information

Bore Hole ID:	10410277	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622726.60
Code OB Desc:		North83:	4943681.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/01/1996	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932400489
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932400488
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932400490
Layer:	3
Color:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		20.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965732745			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10958847			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930665105			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		10.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930665106			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		60.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995732745			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935098926			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934317215			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934584017			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		26.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934840798			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933892831			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		55.0			
Water Found Depth UOM:		ft			

<u>8</u>	2 of 2	NNW/3.8	229.1 / -0.34	lot 2 con 4 ON	WWIS
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Well ID:	5733313	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/03/1998
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	181704	Contractor:	1312
Tag:		Form Version:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	002
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5733313.pdf			

Additional Detail(s) (Map)

Well Completed Date: 08/12/1997
Year Completed: 1997
Depth (m): 36.576
Latitude: 44.6360052438187
Longitude: -79.4526266213097
X: -79.45262646707454
Y: 44.636005242994685
Path: 573\5733313.pdf

Bore Hole Information

Bore Hole ID:	10410845	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622726.60
Code OB Desc:		North83:	4943681.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/12/1997	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932403202
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932403203			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		81.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932403204			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		81.0			
Formation End Depth:		120.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933195990			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965733313			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10959415			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930665859			
Layer:		1			
Material:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		82.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930665860			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		120.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		995733313			
<i>Pump Set At:</i>					
<i>Static Level:</i>		40.0			
<i>Final Level After Pumping:</i>		116.0			
<i>Recommended Pump Depth:</i>		118.0			
<i>Pumping Rate:</i>		1.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		1.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934833184			
<i>Test Type:</i>					
<i>Test Duration:</i>		45			
<i>Test Level:</i>		70.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		935100654			
<i>Test Type:</i>					
<i>Test Duration:</i>		60			
<i>Test Level:</i>		55.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934318794			
<i>Test Type:</i>					
<i>Test Duration:</i>		15			
<i>Test Level:</i>		100.0			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934585728
Test Type:
Test Duration: 30
Test Level: 85.0
Test Level UOM: ft

Water Details

Water ID: 933893396
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 82.0
Water Found Depth UOM: ft

[9](#) 1 of 1 **SE/7.4** **239.9 / 10.47** **Ilneh Farm/Area 3
Orillia ON** **EHS**

Order No:	21032600033	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	RSC Report - Quote	Client Prov/State:	ON
Report Date:	31-MAR-21	Search Radius (km):	.3
Date Received:	26-MAR-21	X:	-79.44249405
Previous Site Name:		Y:	44.62397301
Lot/Building Size:			
Additional Info Ordered:			

[10](#) 1 of 1 **SSW/12.9** **231.5 / 2.08** **ORILLIA PIT 48
4364 UHTHOFF LINE
ORILLIA ON** **NPR2**

NPRI ID: 500424 **Latitude:** 44.62206
Facility ID: 427838, 255272 **Longitude:** -79.45683
Note: Substances included on NPRI reports for this NPRI ID are summarized below in the NPRI ID Substances Summary section. Substances listed in the Substances Summary are included on the basis of NPRI ID only. For entities (NPRI ID) with mobile plants and/or more than one facility location, substances listed above may or may not have been reported for specific facilities/mobile locations. The list of substances additionally includes those which have been included on the NPRI report with an unknown quantity or a quantity of 0.

For specific details about substance quantities, years, release/transfer/disposal methods, the reader is referred the facility report:

<https://pollution-waste.canada.ca/national-release-inventory/?fromYear=1993&toYear=2022&name=500424>

Geographic Location

DLS Description:		Datum:	1983.0
NTS Description:	C-047-E/031-D-11	Forward Sort Area:	L3V
Latitude:	44.62206	SOMA:	TRUE
Longitude:	-79.45683	ON PEMA:	TRUE
Census Subdiv ID:	3543015	QC PEMA:	FALSE
Ecozone ID:	8	Quebec Windsor Corr:	TRUE
Water Survey ID:	2	Province Code:	ON

NPRI ID Facility ID

NPRI ID: 500424

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility ID:		255272			
<u>Facility</u>					
Facility ID:	255272			IDM ID:	32311
Portable:	FALSE			AB Approval ID:	0
NAICS Primary:	212323			GHGRP ID:	0
NAICS Secondary:	0			ON GHGRP ID:	0
NAICS Tertiary:	0				
Facility Name:	Orillia Pit 48				
Website:					
<u>Address</u>					
Address1:	4364 Uthoff Line				
Address2:					
City:	ORILLIA				
Postal Zip:	L3V6H2				
Prov:					
<u>Address Geographic</u>					
Latitude:	44.62206			Datum:	
Longitude:	-79.45683			Land Survey:	
UTM Easting:	0.000000			Topograph:	
UTM Northing:	0.000000			Additional Info:	
UTM Zone:	0				
<u>Primary NAICS Details</u>					
NAICS Code:	212323			Start Date:	1993
Record Year:	1997			End Date:	2001
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	212323			Start Date:	1993
Record Year:	2002			End Date:	2006
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	212323			Start Date:	1993
Record Year:	2007			End Date:	2011
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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NAICS Description En:

NAICS Description Fr:

NAICS Code:	212323	Start Date:	1993
Record Year:	2012	End Date:	2016
Key Indus Sector En:	Mining and Quarrying		
Key Indus Sector Fr:	Extraction minière et exploitation en carrière		
NAICS Title En:	Sand and gravel mining and quarrying		
NAICS Title Fr:	Extraction de sable et de gravier		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sand and gravel pits, including dredging for sand and gravel, and washing, screening or otherwise preparing sand and gravel.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale est l'exploitation de carrières de sable et de gravier, y compris le dragage de sable et de gravier, ainsi que le lavage, le criblage ou toute autre préparation de sable et de gravier.

NAICS Code:	212323	Start Date:	2017
Record Year:	2017	End Date:	2021
Key Indus Sector En:	Mining and Quarrying		
Key Indus Sector Fr:	Extraction minière et exploitation en carrière		
NAICS Title En:	Sand and gravel mining and quarrying		
NAICS Title Fr:	Extraction de sable et de gravier		

NAICS Description En:

This Canadian industry comprises establishments primarily engaged in operating sand and gravel pits, including dredging for sand and gravel, and washing, screening or otherwise preparing sand and gravel.

NAICS Description Fr:

Cette classe canadienne comprend les établissements dont l'activité principale est l'exploitation de carrières de sable et de gravier, y compris le dragage de sable et de gravier, ainsi que le lavage, le criblage ou toute autre préparation de sable et de gravier.

NPRI Report

Report ID:	102247	Repor Type ID:	3
Report Year:	2017	New Reporter:	TRUE
NPRI ID:	500424	No of Employees:	0
Company ID:	111169	Is Compressor:	FALSE
Facility ID:	255272	Is NPRI Part 4:	FALSE
SWR Report ID:	98446	Is Battery:	FALSE

Company

Company Name:	Walker Aggregates Inc.
Trade Name En:	
Trade Name Fr:	
DUNS No:	0
Website:	www.walkerind.com

NPRI Report Comment

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Description En:		Reason the facility does not meet the criteria for NPRI			
Description Fr:		La raison pour laquelle cette installation ne rencontre pas les critères de déclaration de l'INRP			
Comment:		Facility did not have any production in 2017.			
Note:		Many NPRI Report Comments are truncated in the NPRI data.			

NPRI Report Contact

Contact Type:	NPRI	Phone:	9052274142
First Name:	Matthew	Extension:	3326
Last Name:	McMahon	Fax:	9052271034
Email:	mmcmahon@walkerind.com		
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Environmental Coordinator		
Language:	E		
Company Name:			

NPRI Report

Report ID:	70809	Repor Type ID:	3
Report Year:	2019	New Reporter:	FALSE
NPRI ID:	500424	No of Employees:	0
Company ID:	111169	Is Compressor:	FALSE
Facility ID:	255272	Is NPRI Part 4:	FALSE
SWR Report ID:	163688	Is Battery:	FALSE

Company

Company Name:	Walker Aggregates Inc.
Trade Name En:	
Trade Name Fr:	
DUNS No:	0
Website:	www.walkerind.com

NPRI Report Comment

Description En:	Reason the facility does not meet the criteria for NPRI
Description Fr:	La raison pour laquelle cette installation ne rencontre pas les critères de déclaration de l'INRP
Comment:	Facility has less than 10 full-time employees working less than 20,000 hours during the reporting year. Facility did not mee the MPO thresholds for Part 1A or Part 1B substances. Facility was not engaged in activities that require reporting for Part 2 and Part 3 Substances. Estimated releases of Part 4 and Part 5 substances were less than the reporting thresholds.
Note:	Many NPRI Report Comments are truncated in the NPRI data.

NPRI Report Contact

Contact Type:	NPRI	Phone:	9052274142
First Name:	Matthew	Extension:	3326
Last Name:	McMahon	Fax:	9052271034
Email:	mmcmahon@walkerind.com		
Description En:	Public Contact		
Description Fr:	Responsable des renseignements au public		
Position:	Environmental Coordinator		
Language:	E		
Company Name:			

NPRI Report

Report ID:	102248	Repor Type ID:	3
Report Year:	2018	New Reporter:	FALSE
NPRI ID:	500424	No of Employees:	0

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Company ID:	111169			Is Compressor:	FALSE
Facility ID:	255272			Is NPRI Part 4:	FALSE
SWR Report ID:	152226			Is Battery:	FALSE

Company

Company Name: Walker Aggregates Inc.
Trade Name En:
Trade Name Fr:
DUNS No: 0
Website: www.walkerind.com

NPRI Report Comment

Description En: Reason the facility does not meet the criteria for NPRI
Description Fr: La raison pour laquelle cette installation ne rencontre pas les critères de déclaration de l'INRP
Comment: Facility did not have any production in 2017.
Note: Many NPRI Report Comments are truncated in the NPRI data.

NPRI Report Contact

Contact Type: NPRI
First Name: Matthew
Last Name: McMahon
Email: mmcMahon@walkerind.com
Description En: Public Contact
Description Fr: Responsable des renseignements au public
Position: Environmental Coordinator
Language: E
Company Name:

Phone: 9052274142
Extension: 3326
Fax: 9052271034

NPRI ID Facility ID

NPRI ID: 500424
Facility ID: 427838

Facility

Facility ID: 427838
Portable: FALSE
NAICS Primary: 212323
NAICS Secondary: 0
NAICS Tertiary: 0
Facility Name: Orillia Pit 48
Website:

IDM ID: 32311
AB Approval ID: 0
GHGRP ID: 0
ON GHGRP ID:

Address

Address1: 4364 Unthoff Line
Address2:
City: ORILLIA
Postal Zip: L3V 6H2
Prov:

Address Geographic

Latitude: 44.62206
Longitude: -79.45683
UTM Easting: 0.000000
UTM Northing: 0.000000

Datum:
Land Survey:
Topograph:
Additional Info:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
UTM Zone:		0			
<u>Primary NAICS Details</u>					
NAICS Code:	212323			Start Date:	1993
Record Year:	1997			End Date:	2001
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	212323			Start Date:	1993
Record Year:	2002			End Date:	2006
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	212323			Start Date:	1993
Record Year:	2007			End Date:	2011
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and Gravel Mining and Quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	212323			Start Date:	1993
Record Year:	2012			End Date:	2016
Key Indus Sector En:	Mining and Quarrying				
Key Indus Sector Fr:	Extraction minière et exploitation en carrière				
NAICS Title En:	Sand and gravel mining and quarrying				
NAICS Title Fr:	Extraction de sable et de gravier				
NAICS Description En:					
This Canadian industry comprises establishments primarily engaged in operating sand and gravel pits, including dredging for sand and gravel, and washing, screening or otherwise preparing sand and gravel.					
NAICS Description Fr:					
Cette classe canadienne comprend les établissements dont l'activité principale est l'exploitation de carrières de sable et de gravier, y compris le dragage de sable et de gravier, ainsi que le lavage, le criblage ou toute autre préparation de sable et de gravier.					
NAICS Code:	212323			Start Date:	2017
Record Year:	2017			End Date:	2021
Key Indus Sector En:	Mining and Quarrying				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Key Indus Sector Fr:		Extraction minière et exploitation en carrière			
NAICS Title En:		Sand and gravel mining and quarrying			
NAICS Title Fr:		Extraction de sable et de gravier			
NAICS Description En:					
This Canadian industry comprises establishments primarily engaged in operating sand and gravel pits, including dredging for sand and gravel, and washing, screening or otherwise preparing sand and gravel.					
NAICS Description Fr:					
Cette classe canadienne comprend les établissements dont l'activité principale est l'exploitation de carrières de sable et de gravier, y compris le dragage de sable et de gravier, ainsi que le lavage, le criblage ou toute autre préparation de sable et de gravier.					
<u>NPRI Report</u>					
Report ID:	319673	Repor Type ID:	8		
Report Year:	2020	New Reporter:	FALSE		
NPRI ID:	500424	No of Employees:	0		
Company ID:	171398	Is Compressor:	FALSE		
Facility ID:	427838	Is NPRI Part 4:	FALSE		
SWR Report ID:	9225	Is Battery:	FALSE		
<u>Company</u>					
Company Name:	Walker Aggregates Inc.				
Trade Name En:					
Trade Name Fr:					
DUNS No:	0				
Website:	www.walkerind.com				
<u>NPRI Report Comment</u>					
Description En:	Reason the facility does not meet the criteria for NPRI				
Description Fr:	La raison pour laquelle cette installation ne rencontre pas les critères de déclaration de l'INRP				
Comment:	No activity on site in 2020				
Note:	Many NPRI Report Comments are truncated in the NPRI data.				
<u>NPRI Report Comment</u>					
Description En:	NPRI - Report Submission				
Description Fr:	INRP - Soumission de rapport				
Comment:	Submitted on behalf of Carrie Barnes				
Note:	Many NPRI Report Comments are truncated in the NPRI data.				
<u>NPRI Report Contact</u>					
Contact Type:	NPRI	Phone:	289-213-1794		
First Name:	Carrie	Extension:			
Last Name:	Barnes	Fax:			
Email:	CBarnes@walkerind.com				
Description En:	Public Contact				
Description Fr:	Responsable des renseignements au public				
Position:					
Language:	E				
Company Name:					
11	1 of 1	<i>ESE/17.3</i>	<i>242.5 / 13.03</i>	<i>lot 4 con 4 ON</i>	<i>WWIS</i>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5730577			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/15/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	141662			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5730577.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/16/1993
Year Completed: 1993
Depth (m): 24.9936
Latitude: 44.6289561105012
Longitude: -79.4466442324851
X: -79.44664407793918
Y: 44.628956109600146
Path: 573\5730577.pdf

Bore Hole Information

Bore Hole ID:	10408133	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623216.00
Code OB Desc:		North83:	4942907.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/16/1993	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	map
Location Method Desc:	YPD: Map ; OBM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932389679
Layer: 3
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		16.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389681			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		68			
Material 2 Desc:		DRY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		42.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389682			
Layer:		6			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		60			
Material 3 Desc:		CEMENTED			
Formation Top Depth:		47.0			
Formation End Depth:		72.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389684			
Layer:		8			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		82.0			
Formation End Depth:		82.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932389678			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389683			
Layer:		7			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		91			
Material 3 Desc:		WATER-BEARING			
Formation Top Depth:		72.0			
Formation End Depth:		82.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389677			
Layer:		1			
Color:		8			
General Color:		BLACK			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389680			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:		60			
Material 3 Desc:		CEMENTED			
Formation Top Depth:		23.0			
Formation End Depth:		42.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965730577			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10956703			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930662427			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933377503			
Layer:		1			
Slot:		020			
Screen Top Depth:		75.0			
Screen End Depth:		80.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995730577			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		74.0			
Recommended Pump Depth:		79.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		48			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934834067			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		23.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934310296			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934585621			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935100956			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933890628			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72.0			
Water Found Depth UOM:		ft			

<u>12</u>	1 of 1	ESE/56.9	239.5 / 10.05	lot 4 con 4 ON	WWIS
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Well ID:	5738871	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/05/2004
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z12049	Contractor:	1851
Tag:	A011982	Form Version:	3
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5738871.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/04/2004			
Year Completed:		2004			
Depth (m):		21.336			
Latitude:		44.6285497634761			
Longitude:		-79.4452305228159			
X:		-79.44523036912688			
Y:		44.628549762129595			
Path:		573\5738871.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11178115		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				623329.00	
Cluster Kind:				North83:	
Date Completed:		05/04/2004		4942864.00	
Remarks:				Org CS:	
Location Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				3	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 10 - 30 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932985037			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932985038			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		SAND			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		11.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932985040			
Layer:		4			
Color:		5			
General Color:		YELLOW			
Material 1:		10			
Material 1 Desc:		COARSE SAND			
Material 2:		91			
Material 2 Desc:		WATER-BEARING			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		66.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932985039			
Layer:		3			
Color:		5			
General Color:		YELLOW			
Material 1:		08			
Material 1 Desc:		FINE SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		63.0			
Formation End Depth:		66.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933260482			
Layer:		1			
Plug From:		0.0			
Plug To:		66.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965738871			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11186634			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930850810
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From: -2.0
 Depth To: 66.0
 Casing Diameter: 6.25
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933410325
 Layer: 1
 Slot: #14
 Screen Top Depth: 66.0
 Screen End Depth: 70.0
 Screen Material: 1
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 5.5

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
 Pump Test ID: 11193553
 Pump Set At: 65.0
 Static Level: 7.0
 Final Level After Pumping: 50.0
 Recommended Pump Depth: 60.0
 Pumping Rate: 12.0
 Flowing Rate:
 Recommended Pump Rate: 10.0
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 2
 Pumping Duration MIN:
 Flowing:

Water Details

Water ID: 934055776
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 66.0
 Water Found Depth UOM: ft

13	1 of 1	ESE/60.7	239.9 / 10.39	lot 5 con 4 ON	WWIS
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Well ID:	5741425	Flowing (Y/N):
Construction Date:		Flow Rate:
Use 1st:	Domestic	Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	12/18/2006
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z44476			Contractor:	1851
Tag:	A024294			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5741425.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/11/2006				
Year Completed:	2006				
Depth (m):	10.0584				
Latitude:	44.6284798716118				
Longitude:	-79.4434044288645				
X:	-79.44340427530997				
Y:	44.628479870790166				
Path:	574\5741425.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	11695064			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623474.00
Code OB Desc:				North83:	4942859.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/11/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	933080682				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		12.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080683			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		28.0			
Formation End Depth:		33.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080681			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933306714			
Layer:		1			
Plug From:		0.0			
Plug To:		29.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933306715			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965741425			
Method Construction Code:		1			
Method Construction:		Cable Tool			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 11699930
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930891212
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 29.0
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933421438
Layer: 1
Slot: 25
Screen Top Depth: 29.0
Screen End Depth: 33.0
Screen Material: 1
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.5

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11703710
Pump Set At: 30.0
Static Level:
Final Level After Pumping: 11.0
Recommended Pump Depth: 25.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 36
Pumping Duration MIN: 0
Flowing:

Water Details

Water ID: 934081709
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 28.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	ENE/64.6	244.3 / 14.81	lot 3 con 4 ON	WWIS
Well ID: 5714909 Construction Date: Use 1st: Use 2nd: Final Well Status: Abandoned-Quality Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info:		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 02/14/1978 Selected Flag: TRUE Abandonment Rec: Contractor: 2653 Form Version: 1 Owner: County: SIMCOE Lot: 003 Concession: 04 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5714909.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 10/15/1977 Year Completed: 1977 Depth (m): 35.052 Latitude: 44.6348994443045 Longitude: -79.4428041129737 X: -79.44280395954499 Y: 44.6348994431275 Path: 571\5714909.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10392632 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/15/1977 Remarks: Location Method Desc: YPD: Map ; OBM Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: Elevrc: Zone: 17 East83: 623508.00 North83: 4943573.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: map			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932318034 Layer: 1 Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		94.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932318035			
Layer:		2			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		94.0			
Formation End Depth:		115.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965714909			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10941202			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930642961			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995714909			
Pump Set At:					
Static Level:					
Final Level After Pumping:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
Water Details					
Water ID:		933874784			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:					
Water Found Depth UOM:		ft			

15	1 of 1	WNW/69.2	237.2 / 7.70	lot 1 con 4 ON	WWIS
Well ID: 5715557					
Construction Date:					
Use 1st:		Domestic		Flowing (Y/N):	
Use 2nd:		0		Flow Rate:	
Final Well Status:		Water Supply		Data Entry Status:	
Water Type:				Data Src:	1
Casing Material:				Date Received:	10/30/1978
Audit No:				Selected Flag:	TRUE
Tag:				Abandonment Rec:	
Constructn Method:				Contractor:	4241
Elevation (m):				Form Version:	1
Elevatn Reliabilty:				Owner:	
Depth to Bedrock:				County:	SIMCOE
Well Depth:				Lot:	001
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	SD
Static Water Level:				Easting NAD83:	
Clear/Cloudy:				Northing NAD83:	
Municipality:		ORILLIA TOWNSHIP		Zone:	
Site Info:				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5715557.pdf			

Additional Detail(s) (Map)

Well Completed Date:	10/14/1978
Year Completed:	1978
Depth (m):	76.2
Latitude:	44.6364964815646
Longitude:	-79.4603298794901
X:	-79.4603297256211
Y:	44.636496480974714
Path:	571\5715557.pdf

Bore Hole Information

Bore Hole ID:	10393268	Elevation:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	622114.60
Code OB Desc:				North83:	4943724.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/14/1978			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 932320770
Layer: 5
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 103.0
Formation End Depth: 230.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932320772
Layer: 7
Color: 7
General Color: RED
Material 1: 21
Material 1 Desc: GRANITE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 244.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932320767
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		20.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932320768			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		81			
Material 3 Desc:		SANDY			
Formation Top Depth:		30.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932320771			
Layer:		6			
Color:		4			
General Color:		GREEN			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		230.0			
Formation End Depth:		244.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932320766			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		05			
Material 3 Desc:		CLAY			
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932320769			
Layer:		4			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		47.0			
Formation End Depth:		103.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965715557			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10941838			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930643725			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		103.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930643726			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		250.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995715557			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		245.0			
Recommended Pump Depth:		235.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Water State After Test Code:</i>	2				
<i>Water State After Test:</i>		CLOUDY			
<i>Pumping Test Method:</i>	2				
<i>Pumping Duration HR:</i>	4				
<i>Pumping Duration MIN:</i>	0				
<i>Flowing:</i>	No				
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934826501				
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>	45				
<i>Test Level:</i>	116.0				
<i>Test Level UOM:</i>	ft				
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	935092221				
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>	60				
<i>Test Level:</i>	84.0				
<i>Test Level UOM:</i>	ft				
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934576580				
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>	30				
<i>Test Level:</i>	155.0				
<i>Test Level UOM:</i>	ft				
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934301554				
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>	15				
<i>Test Level:</i>	200.0				
<i>Test Level UOM:</i>	ft				
 <u>Water Details</u>					
<i>Water ID:</i>	933875438				
<i>Layer:</i>	3				
<i>Kind Code:</i>	1				
<i>Kind:</i>	FRESH				
<i>Water Found Depth:</i>	230.0				
<i>Water Found Depth UOM:</i>	ft				
 <u>Water Details</u>					
<i>Water ID:</i>	933875436				
<i>Layer:</i>	1				
<i>Kind Code:</i>	1				
<i>Kind:</i>	FRESH				
<i>Water Found Depth:</i>	31.0				
<i>Water Found Depth UOM:</i>	ft				
 <u>Water Details</u>					
<i>Water ID:</i>	933875437				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		103.0			
Water Found Depth UOM:		ft			

16 1 of 1 S/71.9 239.9 / 10.39 lot 4 con 4 ON WWIS

Well ID:	5707057	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/10/1970
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1312
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5707057.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/17/1970
Year Completed: 1970
Depth (m): 15.5448
Latitude: 44.6216708240561
Longitude: -79.4491251248416
X: -79.44912497131115
Y: 44.621670822705404
Path: 570\5707057.pdf

Bore Hole Information

Bore Hole ID:	10384903	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623034.60
Code OB Desc:		North83:	4942094.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	01/17/1970	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932284291		
Layer:			4		
Color:					
General Color:					
Material 1:			11		
Material 1 Desc:			GRAVEL		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			40.0		
Formation End Depth:			51.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932284289		
Layer:			2		
Color:			6		
General Color:			BROWN		
Material 1:			09		
Material 1 Desc:			MEDIUM SAND		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			20.0		
Formation End Depth:			22.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932284288		
Layer:			1		
Color:			6		
General Color:			BROWN		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:			09		
Material 2 Desc:			MEDIUM SAND		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			20.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932284290		
Layer:			3		
Color:			2		
General Color:			GREY		
Material 1:			14		
Material 1 Desc:			HARDPAN		
Material 2:			13		
Material 2 Desc:			BOULDERS		
Material 3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		22.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965707057			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10933473			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930634020			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		51.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995707057			
Pump Set At:					
Static Level:		7.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		12.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935085762			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		7.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pump Test Detail ID: 934293338
Test Type: Recovery
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934560898
Test Type: Recovery
Test Duration: 30
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934820434
Test Type: Recovery
Test Duration: 45
Test Level: 7.0
Test Level UOM: ft

Water Details

Water ID: 933866484
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

17	1 of 1	E/76.2	241.9 / 12.47	1046 lot 5 con 4 ON	WWIS
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Well ID: 5741423	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st: Domestic	Data Entry Status:
Use 2nd:	Data Src:
Final Well Status: Water Supply	Date Received: 12/18/2006
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec:
Audit No: Z44473	Contractor: 1851
Tag: A039948	Form Version: 3
Constructn Method:	Owner:
Elevation (m):	County: SIMCOE
Elevatn Reliabilty:	Lot: 005
Depth to Bedrock:	Concession: 04
Well Depth:	Concession Name:
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: ORILLIA TOWNSHIP	
Site Info:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5741423.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/17/2006
Year Completed: 2006

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		16.4592			
Latitude:		44.62990765256			
Longitude:		-79.4411600455804			
X:		-79.44115989265384			
Y:		44.62990765178645			
Path:		574\5741423.pdf			

Bore Hole Information

Bore Hole ID:	11695062	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623649.00
Code OB Desc:		North83:	4943021.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	11/17/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	933080676
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	49.0
Formation End Depth:	54.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	933080674
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		933080675			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933306712			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965741423			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11699928			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930891210			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-3.0			
Depth To:		49.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933421436			
Layer:		1			
Slot:		35			
Screen Top Depth:		49.0			
Screen End Depth:		54.0			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11703708
Pump Set At: 50.0
Static Level: 0.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 40.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 48
Pumping Duration MIN: 0
Flowing:

Water Details

Water ID: 934081707
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

18	1 of 2	NE/76.7	239.3 / 9.87	Union Gas Limited 4243 Burnside Line Orillia ON N7M5M1	GEN
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Generator No: ON8218452
SIC Code: 221210
SIC Description: NATURAL GAS DISTRIBUTION
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Kandis Roettger
Choice of Contact: CO_ADMIN
Phone No Admin: 905-235-0146 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

18	2 of 2	NE/76.7	239.3 / 9.87	Union Gas Limited 4243 Burnside Line Orillia ON N7M5M1	GEN
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Generator No: ON8218452
SIC Code: 221210
SIC Description: NATURAL GAS DISTRIBUTION
Approval Years: 2015
PO Box No:
Country: Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:					
Co Admin:		Kandis Roettger			
Choice of Contact:		CO_ADMIN			
Phone No Admin:		905-235-0146 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			
Detail(s)					
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			

19	1 of 1	ENE/77.4	242.5 / 13.05	1201 Hawk Ridge Cres. lot 3 con 4 Orillia ON	WWIS
Well ID:	7381917			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	03/04/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z325187			Contractor:	5224
Tag:	A283133			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7381917.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/15/2021
Year Completed:	2021
Depth (m):	
Latitude:	44.6318634405218
Longitude:	-79.4485964495683
X:	-79.4485962958145
Y:	44.63186343985601
Path:	738\7381917.pdf

Bore Hole Information

Bore Hole ID:	1008637771	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623055.00
Code OB Desc:		North83:	4943227.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	02/15/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 1009943711
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3: 26
Material 3 Desc: ROCK
Formation Top Depth: 85.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1009943710
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 35.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1009943709
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 87
Material 2 Desc: STONEY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 1009944540
Layer: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0.0			
Plug To:		30.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1009945380			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		Dual Rotary			
<u>Pipe Information</u>					
Pipe ID:		1009721064			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1009945691			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		85.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
<u>Pumping Test Method Desc:</u>					
Pump Test ID:		1009946428			
Pump Set At:		165.0			
Static Level:		15.600000381469727			
Final Level After Pumping:		130.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		25.0			
Flowing Rate:					
Recommended Pump Rate:		25.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947210			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		77.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1009947212			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		21.600000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947196			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		27.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947211			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		65.80000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947217			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		15.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947194			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		19.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947195			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		23.299999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947202			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		71.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947207			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		114.69999694824219			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947198			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		35.0			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947203			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		80.0			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947206			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		130.0			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947208			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		99.4000015258789			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947199			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		44.0			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947201			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		62.0			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1009947215			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		15.5			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Pump Test Detail ID:		1009947216			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		15.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947219			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		15.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947200			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		53.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947204			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		98.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947209			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		88.19999694824219			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947213			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		17.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947218			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		15.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947197			
Test Type:		Draw Down			
Test Duration:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		31.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947205			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		116.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009947214			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		15.899999618530273			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1009946193			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1009944993			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		180.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			
20	1 of 2	NE/82.5	239.9 / 10.42	TWP OF SEVERN 4251 BURNSIDE LINE ORILLIA ON	FST
Inventory No:		10891901		Tank Material:	Fiberglass (FRP)
Inventory Status:		Active		Corrosion Protect:	Fiberglass
Installation Year:				Overfill Protection:	
Capacity:				Inventory Context:	FS Liquid Fuel Tank
Capacity Unit:				Inventory Item:	FS LIQUID FUEL TANK
Tank Type:					
Manufacturer:					
Model:					
Description:		UNDERGROUND TANK			
20	2 of 2	NE/82.5	239.9 / 10.42	TWP OF SEVERN 4251 BURNSIDE LINE ORILLIA ON	FST
Inventory No:		10891874		Tank Material:	Fiberglass (FRP)
Inventory Status:		Active		Corrosion Protect:	Fiberglass
Installation Year:				Overfill Protection:	
Capacity:				Inventory Context:	FS Liquid Fuel Tank
Capacity Unit:				Inventory Item:	FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Type:					
Manufacturer:					
Model:					
Description: UNDERGROUND TANK					

21	1 of 1	NE/84.3	242.6 / 13.17	lot 4 con 4 ON	WWIS
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Well ID:	5731274	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	01/12/1995
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	141698	Contractor:	1851
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5731274.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/16/1994
Year Completed:	1994
Depth (m):	30.1752
Latitude:	44.6322575218083
Longitude:	-79.448447266534
X:	-79.44844711350476
Y:	44.632257520784904
Path:	573\5731274.pdf

Bore Hole Information

Bore Hole ID:	10408828	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623066.00
Code OB Desc:		North83:	4943271.00
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	2
Date Completed:	09/16/1994	UTMRC Desc:	margin of error : 3 - 10 m
Remarks:		Location Method:	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932393211		
Layer:			4		
Color:			2		
General Color:			GREY		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:			11		
Material 2 Desc:			GRAVEL		
Material 3:			13		
Material 3 Desc:			BOULDERS		
Formation Top Depth:			54.0		
Formation End Depth:			70.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932393208		
Layer:			1		
Color:			6		
General Color:			BROWN		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:			11		
Material 2 Desc:			GRAVEL		
Material 3:			13		
Material 3 Desc:			BOULDERS		
Formation Top Depth:			0.0		
Formation End Depth:			15.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932393212		
Layer:			5		
Color:			6		
General Color:			BROWN		
Material 1:			28		
Material 1 Desc:			SAND		
Material 2:			05		
Material 2 Desc:			CLAY		
Material 3:			60		
Material 3 Desc:			CEMENTED		
Formation Top Depth:			70.0		
Formation End Depth:			80.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932393213		
Layer:			6		
Color:			2		
General Color:			GREY		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:					
Material 2 Desc:					
Material 3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		80.0			
Formation End Depth:		99.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932393210			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		49.0			
Formation End Depth:		54.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932393209			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		15.0			
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933193880			
Layer:		1			
Plug From:		0.0			
Plug To:		42.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965731274			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10957398			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930663265			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930663266			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		83.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933377922			
Layer:		1			
Slot:		025			
Screen Top Depth:		83.0			
Screen End Depth:		92.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995731274			
Pump Set At:					
Static Level:		26.0			
Final Level After Pumping:		51.0			
Recommended Pump Depth:		84.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934579105			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		41.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935103204			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		46.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934312557			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		37.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934836319			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		44.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933891341			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		49.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933891342			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			

22	1 of 1	ESE/86.0	239.9 / 10.42	lot 5 con 4 ON	WWIS
Well ID:	5740341			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	12/06/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z25020			Contractor:	1851
Tag:	A024309			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	04

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5740341.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/12/2005
Year Completed: 2005
Depth (m): 11.2776
Latitude: 44.6277555317335
Longitude: -79.4424404880417
X: -79.44244033398073
Y: 44.62775553111469
Path: 574\5740341.pdf

Bore Hole Information

Bore Hole ID:	11325837	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623552.00
Code OB Desc:		North83:	4942780.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/12/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 933030654
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3:
Material 3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 933030656
Layer: 4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		37.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933030653			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933030655			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		20.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933282704			
Layer:		1			
Plug From:		0.0			
Plug To:		32.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965740341			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Pipe Information</u>					
Pipe ID:		11340692			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930870033			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		32.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933415878			
Layer:		1			
Slot:		40			
Screen Top Depth:		32.0			
Screen End Depth:		37.0			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.5			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11352281			
Pump Set At:		30.0			
Static Level:		5.0			
Final Level After Pumping:		12.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		12.0			
Flowing Rate:					
Recommended Pump Rate:		12.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:					
<u>Water Details</u>					
Water ID:		934068624			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		32.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	E/87.0	238.8 / 9.36	lot 4 con 4 ON	WWIS

Well ID:	5730597	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/15/1994
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	141641	Contractor:	1851
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5730597.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/07/1994
Year Completed:	1994
Depth (m):	10.9728
Latitude:	44.6311523910263
Longitude:	-79.4439759465525
X:	-79.44397579294147
Y:	44.63115239004561
Path:	573\5730597.pdf

Bore Hole Information

Bore Hole ID:	10408153	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623423.00
Code OB Desc:		North83:	4943155.00
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	2
Date Completed:	02/07/1994	UTMRC Desc:	margin of error : 3 - 10 m
Remarks:		Location Method:	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932389782
Layer:	1
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389784			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		91			
Material 2 Desc:		WATER-BEARING			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932389783			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933193236			
Layer:		1			
Plug From:		0.0			
Plug To:		31.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965730597			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10956723			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930662450			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		31.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		933377515			
<i>Layer:</i>		1			
<i>Slot:</i>		025			
<i>Screen Top Depth:</i>		31.0			
<i>Screen End Depth:</i>		35.0			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		6.0			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		995730597			
<i>Pump Set At:</i>					
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>		30.0			
<i>Recommended Pump Depth:</i>		31.0			
<i>Pumping Rate:</i>		8.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		8.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		5			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		Yes			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934834087			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		0.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		935100976			
<i>Test Type:</i>		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		60			
Test Level:		0.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934585641			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		5.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934310316			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933890648			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30.0			
Water Found Depth UOM:		ft			

[24](#)

1 of 1

NE/87.1

243.6 / 14.15

1281 Hawk Ridge Rd, Orillia
SEVERN ON

SPL

Ref No:	1-3GIOBW	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	5/12/2023 12:35:00 PM	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	5/12/2023 2:31:21 PM	Impact to Health:	0 No Impact
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Barrie District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	1281 Hawk Ridge Rd, Orillia		
Site Region:	COUNTY OF SIMCOE		
Site Municipality:	SEVERN		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Preceding Spill:	Line Strike		
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	0 other - see notes		
Contaminant Qty 1:			
Contaminant Unit:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Type:					
Source Type:		Pipeline/Components			
Contaminant Code:		NATURAL GAS			
Contaminant Name:		NATURAL GAS			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Air			
Incident Reason:					
Incident Summary:		TSSA FSB - Spill - half inch plastic service hit by contractor			
Activity Preceding Spill:		Construction or repair			
Property 2nd Watershed:		02E Eastern Georgian Bay			
Property Tertiary Watershed:		02ED Nottawasaga River			
Sector Type:		NATURAL GAS DISTRIBUTION			
SAC Action Class:					
Call Report Locatn Geodata:		{"integration_ids":["PR00003692136"],"wkts":["POINT (-79.4466120000 44.6336044000)"],"creation_date":"2023-05-12"}			
Time Reported:					
System Facility Address:					
Client Name:					

[25](#) 1 of 1 **E/89.0** **239.9 / 10.47** **lot 4 con 4 ON** [WWIS](#)

Well ID:	5730598	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/15/1994
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	141677	Contractor:	1851
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5730598.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/07/1994
Year Completed:	1994
Depth (m):	9.7536
Latitude:	44.6306969353737
Longitude:	-79.4435846915193
X:	-79.44358453817621
Y:	44.63069693403291
Path:	573\5730598.pdf

Bore Hole Information

Bore Hole ID:	10408154	Elevation:	
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	17
Code OB:				East83:	623455.00
Code OB Desc:				North83:	4943105.00
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	2
Date Completed:		03/07/1994	UTMRC Desc:		margin of error : 3 - 10 m
Remarks:				Location Method:	
Location Method Desc:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 932389785
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932389786
Layer: 2
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933193237
Layer: 1
Plug From: 0.0
Plug To: 32.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965730598

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10956724				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930662451				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	32.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995730598				
Pump Set At:					
Static Level:					
Final Level After Pumping:	8.0				
Recommended Pump Depth:	30.0				
Pumping Rate:	5.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	Yes				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934310317				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	6.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935100977				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	8.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934834088					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 8.0					
Test Level UOM: ft					
Draw Down & Recovery					
Pump Test Detail ID: 934585642					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 7.0					
Test Level UOM: ft					
Water Details					
Water ID: 933890649					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 32.0					
Water Found Depth UOM: ft					

[26](#) 1 of 1 **ESE/93.6** **239.9 / 10.39** **lot 5 con 4 ON** **WWIS**

Well ID:	5740343	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	12/06/2005
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z25021	Contractor:	1851
Tag:	A024310	Form Version:	3
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	005
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5740343.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/14/2005
Year Completed: 2005
Depth (m): 9.144
Latitude: 44.6284823415242
Longitude: -79.4429253111858
X: -79.44292515721055
Y: 44.6284823410614
Path: 574\5740343.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	11325839			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
		on Water Well Record		17 623512.00 4942860.00 UTM83 4 margin of error : 30 m - 100 m wwr	

Overburden and Bedrock
Materials Interval

Formation ID: 933030663
Layer: 3
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 933030661
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 933030662
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933282707			
Layer:		1			
Plug From:		0.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965740343			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11340694			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930870035			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		25.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933415880			
Layer:		1			
Slot:		35			
Screen Top Depth:		25.0			
Screen End Depth:		29.0			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.5			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11352283			
Pump Set At:		20.0			
Static Level:					
Final Level After Pumping:		5.0			
Recommended Pump Depth:		20.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		12.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:					
<u>Water Details</u>					
Water ID:		934068626			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25.0			
Water Found Depth UOM:		ft			

27	1 of 1	ENE/105.8	245.5 / 16.03	lot 3 con 5 ON	WWIS
Well ID:		5702973		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				01/28/1957	
Audit No:				Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				5423	
Elevatn Reliabilty:				Contractor:	
Depth to Bedrock:				1	
Well Depth:				Form Version:	
Overburden/Bedrock:				Owner:	
Pump Rate:				County:	
Static Water Level:				SIMCOE	
Clear/Cloudy:				Lot:	
Municipality:		ORILLIA TOWNSHIP		003	
Site Info:				Concession:	
				05	
				Concession Name:	
				SD	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5702973.pdf			

Additional Detail(s) (Map)

Well Completed Date:	12/01/1956
Year Completed:	1956
Depth (m):	24.6888
Latitude:	44.6352280130671
Longitude:	-79.4424725569455
X:	-79.44247240312775
Y:	44.63522801184999
Path:	570\5702973.pdf

Bore Hole Information

Bore Hole ID:	10380866	Elevation:	
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	17
Code OB:				East83:	623533.60
Code OB Desc:				North83:	4943610.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		12/01/1956	UTMRC Desc:		unknown UTM
Remarks:				Location Method:	p9
Location Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932266950			
Layer:		1			
Color:					
General Color:					
Material 1:		09			
Material 1 Desc:		MEDIUM SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		81.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965702973			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10929436			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930629344			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		81.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		995702973			
Pump Set At:					
Static Level:		27.0			
Final Level After Pumping:		81.0			
Recommended Pump Depth:					
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID:	933862327
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	81.0
Water Found Depth UOM:	ft

28	1 of 1	E/106.2	242.8 / 13.34	1211 HAWKRIDGE CRES lot 4 con 4 ORILLIA ON	WWIS
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Well ID:	5741448	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	12/27/2006
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z49402	Contractor:	5528
Tag:	A023815	Form Version:	3
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5741448.pdf		

Additional Detail(s) (Map)

Well Completed Date:	11/15/2006
Year Completed:	2006
Depth (m):	26.2
Latitude:	44.6307204636882
Longitude:	-79.4479587288421
X:	-79.44795857491988
Y:	44.63072046314486
Path:	574\5741448.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Bore Hole Information

Bore Hole ID:	11695087	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623108.00
Code OB Desc:		North83:	4943101.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	11/15/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	933080788
Layer:	2
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.100000381469727
Formation End Depth:	11.100000381469727
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	933080792
Layer:	6
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	26.200000762939453
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	933080790
Layer:	4
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		11.699999809265137			
Formation End Depth:		24.399999618530273			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080791			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		24.399999618530273			
Formation End Depth:		25.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080787			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.100000381469727			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080789			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		11.100000381469727			
Formation End Depth:		11.699999809265137			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		933306761			
Layer:		1			
Plug From:		0.0			
Plug To:		6.0			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933306762			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965741448			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11699953			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930891246			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		25.299999237060547			
Depth To:		26.200000762939453			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930891245			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.5			
Depth To:		25.299999237060547			
Casing Diameter:		15.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11703723			
Pump Set At:		20.0			
Static Level:		6.96999979019165			
Final Level After Pumping:		14.199999809265137			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:		22.0			
Pumping Rate:		40.0			
Flowing Rate:					
Recommended Pump Rate:		40.0			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752825			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		9.479999542236328			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752828			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		10.920000076293945			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752831			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		11.550000190734863			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752826			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		11.399999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752827			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		9.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11752822			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		12.979999542236328			
Test Level UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752823		
Test Type:			Draw Down		
Test Duration:			2		
Test Level:			8.859999656677246		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752833		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			12.75		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752836		
Test Type:			Draw Down		
Test Duration:			40		
Test Level:			13.619999885559082		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752837		
Test Type:			Draw Down		
Test Duration:			50		
Test Level:			13.9399995803833		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752830		
Test Type:			Recovery		
Test Duration:			5		
Test Level:			10.479999542236328		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752832		
Test Type:			Draw Down		
Test Duration:			15		
Test Level:			12.220000267028809		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752838		
Test Type:			Draw Down		
Test Duration:			60		
Test Level:			14.199999809265137		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11752821		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		8.119999885559082			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11752824			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		12.079999923706055			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11752829			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		10.319999694824219			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11752834			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		12.960000038146973			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11752835			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		13.220000267028809			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		934081722			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		26.0			
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		11759185			
<i>Diameter:</i>		22.0			
<i>Depth From:</i>		6.0			
<i>Depth To:</i>		25.0			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		11759183			
<i>Diameter:</i>		26.0			
<i>Depth From:</i>		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		6.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11759184			
Diameter:		15.0			
Depth From:		25.0			
Depth To:		26.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

29	1 of 1	ENE/107.0	245.5 / 16.03	4260 BURNSIDE LINE lot 3 con 4 Orillia ON	WWIS
Well ID:		7324663		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Commerical		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received: 12/21/2018	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:		Z293474		Contractor: 5224	
Tag:		A253096		Form Version: 7	
Constructn Method:				Owner:	
Elevation (m):				County: SIMCOE	
Elevatn Reliabilty:				Lot: 003	
Depth to Bedrock:				Concession: 04	
Well Depth:				Concession Name: SD	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7324663.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/12/2018
Year Completed:	2018
Depth (m):	
Latitude:	44.6350365546657
Longitude:	-79.4422961236522
X:	-79.44229597048736
Y:	44.63503655403015
Path:	732\7324663.pdf

Bore Hole Information

Bore Hole ID:	1007325712	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623548.00
Code OB Desc:		North83:	4943589.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/12/2018	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007746093			
Layer:		1			
Plug From:		0.0			
Plug To:		8.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007748964			
Method Construction Code:					
Method Construction:					
Other Method Construction:		UNKNOWN			
<u>Pipe Information</u>					
Pipe ID:		1007740582			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007750164			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		8.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
<u>Pumping Test Method Desc:</u>					
Pump Test ID:		1007752519			
Pump Set At:					
Static Level:		22.600000381469727			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water Details

Water ID: 1007751523
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007747544
Diameter: 6.0
Depth From: 0.0
Depth To: 77.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

[30](#) 1 of 1 *E/109.2* *244.9 / 15.39* 1034 Hurlwood Lane lot 4 con 4 Severn ON [WWIS](#)

Well ID: 7402038 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: IW2ENPGK Tag: A338401 Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info:	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 11/03/2021 Selected Flag: TRUE Abandonment Rec: Contractor: 7675 Form Version: 9 Owner: County: SIMCOE Lot: 004 Concession: 04 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/740\7402038.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/21/2021
Year Completed: 2021
Depth (m): 25.2984
Latitude: 44.6309215566249
Longitude: -79.4395948272987
X: -79.4395946730035
Y: 44.63092155600975
Path: 740\7402038.pdf

Bore Hole Information

Bore Hole ID: 1008837341 DP2BR: Spatial Status: Code OB:	Elevation: Elevrc: Zone: 17 East83: 623771.00
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	4943136.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/21/2021			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1008837744
Layer: 4
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1008837741
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1008837743
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008837742			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008837745			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		78.0			
Formation End Depth:		83.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008838205			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008838151			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008837587			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		Dual Rotary			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:			1008837489		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1008837936		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:			-2.0		
Depth To:			80.0		
Casing Diameter:			6.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:			1008838023		
Layer:			1		
Slot:			16		
Screen Top Depth:			80.0		
Screen End Depth:			83.0		
Screen Material:			8		
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:			5.0		
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:			1008837490		
Pump Set At:					
Static Level:			4.300000190734863		
Final Level After Pumping:					
Recommended Pump Depth:			76.0		
Pumping Rate:			7.0		
Flowing Rate:					
Recommended Pump Rate:			5.0		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:			52		
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838325		
Test Type:			Draw Down		
Test Duration:			30		
Test Level:			49.70000076293945		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838710		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		3			
Test Level:		54.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838716			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		32.099998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838322			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		34.79999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838712			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		51.400001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838715			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		36.20000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838317			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		11.800000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838321			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838316			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		8.600000381469727			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838320		
Test Type:			Draw Down		
Test Duration:			5		
Test Level:			18.799999237060547		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838323		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			40.599998474121094		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838327		
Test Type:			Draw Down		
Test Duration:			50		
Test Level:			62.400001525878906		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838714		
Test Type:			Recovery		
Test Duration:			15		
Test Level:			39.5		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838717		
Test Type:			Recovery		
Test Duration:			30		
Test Level:			29.899999618530273		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838719		
Test Type:			Recovery		
Test Duration:			50		
Test Level:			22.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1008838318		
Test Type:			Draw Down		
Test Duration:			3		
Test Level:			14.399999618530273		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1008838324			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		45.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838326			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		56.79999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838708			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		59.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838711			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		53.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838718			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		25.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838319			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		16.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838709			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		56.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008838713			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		45.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1008838063			
Diameter:		15.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1008838065			
Diameter:		5.0			
Depth From:		80.0			
Depth To:		83.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1008838064			
Diameter:		6.53000020980835			
Depth From:		20.0			
Depth To:		80.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[31](#)

1 of 2

NE/115.1

242.3 / 12.83

TWP OF SEVERN
4251 BURNSIDE LINE
ORILLIA ON

FSTH

License Issue Date: 12/19/1990
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 45460
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 4546
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

[31](#)

2 of 2

NE/115.1

242.3 / 12.83

TWP OF SEVERN
4251 BURNSIDE LINE
ORILLIA ON L3V 6H4

FSTH

License Issue Date: 12/19/1990
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		45460			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Diesel			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		4546			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			

32	1 of 1	WNW/121.1	233.9 / 4.40	4141 WHYTHOFF lot 2 con 4 Orillia ON	WWIS
Well ID:	7127577			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	08/19/2009
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z095217			Contractor:	5224
Tag:	A059110			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7127127577.pdf				

Additional Detail(s) (Map)

Well Completed Date:	08/05/2009
Year Completed:	2009
Depth (m):	17.6784
Latitude:	44.6342803891103
Longitude:	-79.4602195453698
X:	-79.46021939118744
Y:	44.63428038783886
Path:	712\7127577.pdf

Bore Hole Information

Bore Hole ID:	1002660763	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622128.00
Code OB Desc:		North83:	4943478.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	08/05/2009			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002917016				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	05				
Material 2 Desc:	CLAY				
Material 3:	87				
Material 3 Desc:	STONEY				
Formation Top Depth:	0.0				
Formation End Depth:	8.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002917019				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	14				
Material 1 Desc:	HARDPAN				
Material 2:					
Material 2 Desc:					
Material 3:	87				
Material 3 Desc:	STONEY				
Formation Top Depth:	28.0				
Formation End Depth:	50.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002917017				
Layer:	2				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	8.0				
Formation End Depth:	18.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1002917020			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002917018			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002917022			
Layer:		1			
Plug From:		0.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002917053			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002917014			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002917024			
Layer:		1			
Material:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		54.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1002917025			
<i>Layer:</i>		1			
<i>Slot:</i>		12			
<i>Screen Top Depth:</i>		54.0			
<i>Screen End Depth:</i>		58.0			
<i>Screen Material:</i>		1			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		5.0			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1002917015			
<i>Pump Set At:</i>		50.0			
<i>Static Level:</i>		12.0			
<i>Final Level After Pumping:</i>		50.0			
<i>Recommended Pump Depth:</i>		50.0			
<i>Pumping Rate:</i>		15.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		12.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002917027			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		45.79999923706055			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002917029			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		41.599998474121094			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002917041			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		12.5			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917043		
Test Type:			Recovery		
Test Duration:			25		
Test Level:			12.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917048		
Test Type:			Draw Down		
Test Duration:			50		
Test Level:			50.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917031		
Test Type:			Recovery		
Test Duration:			3		
Test Level:			38.79999923706055		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917033		
Test Type:			Recovery		
Test Duration:			4		
Test Level:			36.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917039		
Test Type:			Recovery		
Test Duration:			15		
Test Level:			14.199999809265137		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917040		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			44.20000076293945		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1002917032		
Test Type:			Draw Down		
Test Duration:			4		
Test Level:			20.600000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002917034			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		22.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917026			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		12.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917028			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917030			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		18.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917038			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.400001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917045			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917047			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002917049			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		12.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917035				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	5				
<i>Test Level:</i>	33.20000076293945				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917036				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	10				
<i>Test Level:</i>	31.399999618530273				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917037				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	10				
<i>Test Level:</i>	19.200000762939453				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917044				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	30				
<i>Test Level:</i>	50.0				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917046				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	50.0				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917051				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	12.0				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1002917042				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	25				
<i>Test Level:</i>	48.400001525878906				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pump Test Detail ID: 1002917050
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 1002917023
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1002917021
Diameter: 6.0
Depth From: 0.0
Depth To: 58.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

<u>33</u>	1 of 1	<i>E/121.3</i>	<i>240.9 / 11.39</i>	1060 HURLWOOD LANE ORILLIA ON L3V 6H4	HINC
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External File Num: FS INC 0611-03728
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 10/11/2006
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No
 Management:Yes Human Factors:Yes

Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Simcoe
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

<u>34</u>	1 of 1	<i>E/124.7</i>	<i>243.9 / 14.39</i>	1198 HAWK RIDGE CR lot 4 con 4 Orillia ON	WWIS
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<p> Well ID: 7245721 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z193344 </p>	<p> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 07/31/2015 Selected Flag: TRUE Abandonment Rec: Contractor: 5224 </p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A169378			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	004
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7245721.pdf				

Additional Detail(s) (Map)

Well Completed Date: 07/16/2015
Year Completed: 2015
Depth (m): 54.864
Latitude: 44.6309075625484
Longitude: -79.4478150627165
X: -79.44781490918189
Y: 44.63090756185178
Path: 724\7245721.pdf

Bore Hole Information

Bore Hole ID:	1005526796	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623119.00
Code OB Desc:		North83:	4943122.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07/16/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1005652284
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1005652286		
Layer:			5		
Color:			2		
General Color:			GREY		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:					
Material 2 Desc:					
Material 3:			26		
Material 3 Desc:			ROCK		
Formation Top Depth:			88.0		
Formation End Depth:			180.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1005652285		
Layer:			4		
Color:			2		
General Color:			GREY		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:					
Material 2 Desc:					
Material 3:			71		
Material 3 Desc:			FRACTURED		
Formation Top Depth:			85.0		
Formation End Depth:			88.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1005652282		
Layer:			1		
Color:			6		
General Color:			BROWN		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:			87		
Material 2 Desc:			STONE		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			8.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1005652283		
Layer:			2		
Color:			2		
General Color:			GREY		
Material 1:			14		
Material 1 Desc:			HARDPAN		
Material 2:					
Material 2 Desc:					
Material 3:			13		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:		BOULDERS			
Formation Top Depth:		8.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005652319			
Layer:		1			
Plug From:		0.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005652318			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005652280			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005652289			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		90.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005652290			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1005652281			
Pump Set At:		170.0			
Static Level:		23.5			
Final Level After Pumping:		170.0			
Recommended Pump Depth:		170.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652310			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		76.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652295			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		35.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652306			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		104.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652311			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		139.10000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652315			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		170.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652297			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		38.29999923706055			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652298			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		156.8000030517578			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652301			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		55.099998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652309			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		111.0999984741211			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652314			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		36.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652293			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		31.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652294			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		163.39999389648438			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652299			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		41.099998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652303			
Test Type:		Draw Down			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Duration:</i>			15		
<i>Test Level:</i>			69.0999984741211		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652308		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			25		
<i>Test Level:</i>			87.5		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652312		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			40		
<i>Test Level:</i>			55.70000076293945		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652300		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			5		
<i>Test Level:</i>			153.5		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652316		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			60		
<i>Test Level:</i>			24.200000762939453		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652307		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			25		
<i>Test Level:</i>			97.0999984741211		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652292		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			1		
<i>Test Level:</i>			166.6999969482422		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1005652302		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			10		
<i>Test Level:</i>			137.0		
<i>Test Level UOM:</i>			ft		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652304			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		120.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652305			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		83.0999984741211			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652291			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		27.700000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652296			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		160.10000610351562			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005652313			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		157.10000610351562			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1005652288			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005652287			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		180.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 1	WNW/131.0	228.9 / -0.61	lot 3 con 4 ON	WWIS

Well ID:	5737280	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	10/10/2002
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	245921	Contractor:	5528
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	003
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5737280.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/25/2002
Year Completed: 2002
Depth (m): 16.764
Latitude: 44.6326068277207
Longitude: -79.4589513657306
X: -79.45895121221777
Y: 44.63260682674819
Path: 573\5737280.pdf

Bore Hole Information

Bore Hole ID:	10535486	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622232.10
Code OB Desc:		North83:	4943294.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	07/25/2002	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Location Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932898869
Layer: 2
Color: 2
General Color: GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		46.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932898868			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		08			
Material 2 Desc:		FINE SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932898871			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		48.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932898872			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932898870			
Layer:		3			
Color:					
General Color:					
Material 1:		12			
Material 1 Desc:		STONES			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		46.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933234814			
Layer:		1			
Plug From:		0.0			
Plug To:		12.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965737280			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11084056			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930670884			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930670883			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	933404138				
Layer:	1				
Slot:	012				
Screen Top Depth:	53.0				
Screen End Depth:	56.0				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6.0				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995737280				
Pump Set At:					
Static Level:					
Final Level After Pumping:	50.0				
Recommended Pump Depth:	52.0				
Pumping Rate:	3.0				
Flowing Rate:					
Recommended Pump Rate:	3.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935112482				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	48.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934314682				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	32.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934589101				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	42.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934845555				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		46.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934028933			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53.0			
Water Found Depth UOM:		ft			

<u>36</u>	1 of 1	NE/132.8	245.9 / 16.39	1240 HAWKRIDGE CRES lot 3 con 4 ORILLIA ON	WWIS
Well ID:		7295360		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received: 09/29/2017	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:		Z264816		Contractor: 2662	
Tag:		A225116		Form Version: 7	
Constructn Method:				Owner:	
Elevation (m):				County: SIMCOE	
Elevatn Reliabilty:				Lot: 003	
Depth to Bedrock:				Concession: 04	
Well Depth:				Concession Name: SD	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7295360.pdf			

Additional Detail(s) (Map)

Well Completed Date:	07/06/2017
Year Completed:	2017
Depth (m):	24.384
Latitude:	44.6324737661758
Longitude:	-79.4477985217445
X:	-79.44779836836149
Y:	44.63247376505314
Path:	729\7295360.pdf

Bore Hole Information

Bore Hole ID:	1006735576	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623117.00
Code OB Desc:		North83:	4943296.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07/06/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006902631			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		28.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006902632			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		55.0			
Formation End Depth:		66.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006902633			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		66.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1006902630			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006902667			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006902666			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006902628			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006902637			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		66.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1006902638			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		66.0			
Depth To:		80.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1006902639			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1006902629			
Pump Set At:		65.0			
Static Level:		10.800000190734863			
Final Level After Pumping:		50.20000076293945			
Recommended Pump Depth:		65.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902643			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		38.29999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902652			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		44.599998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902658			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		11.800000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902662			
Test Type:		Recovery			
Test Duration:		50			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902663			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.20000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902655			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		47.79999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902661			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		49.900001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902651			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		13.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902657			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		48.599998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902664			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		10.300000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902644			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		25.399999618530273			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902645			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		36.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902656			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		12.199999809265137			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902641			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		44.29999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902646			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		28.799999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902647			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		31.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902649			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902659			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		49.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006902648			
Test Type:		Draw Down			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Duration:</i>			5		
<i>Test Level:</i>			31.899999618530273		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902642		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			2		
<i>Test Level:</i>			21.799999237060547		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902653		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			20		
<i>Test Level:</i>			46.599998474121094		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902660		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			40		
<i>Test Level:</i>			11.300000190734863		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902650		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			10		
<i>Test Level:</i>			39.70000076293945		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902654		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			20		
<i>Test Level:</i>			13.399999618530273		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006902640		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			1		
<i>Test Level:</i>			16.799999237060547		
<i>Test Level UOM:</i>			ft		
<u>Water Details</u>					
<i>Water ID:</i>			1006902636		
<i>Layer:</i>			1		
<i>Kind Code:</i>			8		
<i>Kind:</i>			Untested		
<i>Water Found Depth:</i>			66.0		
<i>Water Found Depth UOM:</i>			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Hole Diameter

Hole ID: 1006902635
 Diameter: 6.0
 Depth From: 20.0
 Depth To: 8.0
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1006902634
 Diameter: 8.0
 Depth From: 0.0
 Depth To: 20.0
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

37	1 of 1	E/133.5	242.2 / 12.70	lot 5 con 4 ON	WWIS
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Well ID:	5740334	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	12/06/2005
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z25009	Contractor:	1851
Tag:	A024319	Form Version:	3
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	005
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5740334.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/15/2005
 Year Completed: 2005
 Depth (m): 10.9728
 Latitude: 44.6294267388195
 Longitude: -79.4408829638795
 X: -79.44088281013354
 Y: 44.6294267380554
 Path: 574\5740334.pdf

Bore Hole Information

Bore Hole ID:	11325830	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623672.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	4942968.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	08/15/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 933030616
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 933030614
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 933030615
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933030617			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933282662			
Layer:		1			
Plug From:		0.0			
Plug To:		32.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965740334			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11340685			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930870025			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		32.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933415869			
Layer:		1			
Slot:		40			
Screen Top Depth:		32.0			
Screen End Depth:		36.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:		1 ft inch 5.5			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:		PUMP 11352274 34.0 5.0 10.0 30.0 12.0 10.0 ft GPM 1 CLEAR 1 4 0 			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		934068606 1 1 FRESH 32.0 ft			
38	1 of 7	E/134.4	247.4 / 17.89	Severn Township P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	OPCB
Year: Site Number: Name Owner: Additional Site Information:		1999 30398A002			
38	2 of 7	E/134.4	247.4 / 17.89	Severn Township P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	OPCB
Year: Site Number: Name Owner: Additional Site Information:		2000 30398A002			
38	3 of 7	E/134.4	247.4 / 17.89	Severn Township P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	OPCB
Year: Site Number: Name Owner: Additional Site Information:		2003 30398A002			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	4 of 7	E/134.4	247.4 / 17.89	Severn Township P.O. Box 159 1024 Hurlwood Orillia ON L3V 6J3	OPCB
Year:		2004			
Site Number:		30398A002			
Name Owner:					
Additional Site Information:					
38	5 of 7	E/134.4	247.4 / 17.89	SEVERN TOWNSHIP P.O. BOX 159 1024 HU RLWOOD ORILLIA ON L3V 6J3	NPCB
Company Code:		F1121			
Industry:		UNDEFINED			
Site Status:					
Transaction Date:					
Inspection Date:					
38	6 of 7	E/134.4	247.4 / 17.89	The Corporation of the Township of Severn 1024 Hurlwood Lane Orillia ON	CA
Certificate #:		0183-6ZXRQ5			
Application Year:		2007			
Issue Date:		4/14/2007			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
38	7 of 7	E/134.4	247.4 / 17.89	The Corporation of the Township of Severn 1024 Hurlwood Lane Orillia ON L3V 6J3	ECA
Approval No:		0183-6ZXRQ5		MOE District:	Barrie
Approval Date:		2007-04-14		City:	
Status:		Approved		Longitude:	-79.43995
Record Type:		ECA		Latitude:	44.631226
Link Source:		IDS		Geometry X:	
SWP Area Name:		Severn Sound		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		The Corporation of the Township of Severn			
Address:		1024 Hurlwood Lane			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/4230-6WDTS4-14.pdf			
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	ENE/136.3	244.8 / 15.35	lot 2 con 4 ON	WWIS

Well ID:	5736301	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Quality	Date Received:	09/18/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	226236	Contractor:	5224
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	002
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573/5736301.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/18/2001
Year Completed: 2001
Depth (m): 79.248
Latitude: 44.6328546488773
Longitude: -79.4466789006725
X: -79.44667874714375
Y: 44.63285464806704
Path: 573\5736301.pdf

Bore Hole Information

Bore Hole ID:	10521850	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623205.00
Code OB Desc:		North83:	4943340.00
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	08/18/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932850297
Layer: 2
Color: 2
General Color: GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		14			
Material 1 Desc:		HARDPAN			
Material 2:		87			
Material 2 Desc:		STONE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		95.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932850298			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		95.0			
Formation End Depth:		245.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932850296			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		87			
Material 3 Desc:		STONE			
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932850300			
Layer:		5			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		250.0			
Formation End Depth:		260.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932850299			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:		26			
Material 3 Desc:		ROCK			
Formation Top Depth:		245.0			
Formation End Depth:		250.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933223787			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736301			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11070420			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930669639			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930669638			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934014226			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		260.0			
Water Found Depth UOM:		ft			
40	1 of 1	S/138.7	236.2 / 6.71	CHARTER CONSTRUCTION LIMITED 4436 Uhthoff LINE Severn ON L3V 6H2	EASR
Approval No:		R-006-5421435457		MOE District: Barrie	
Status:		REGISTERED		Municipality: Severn	
Date:		2014-06-09		Latitude: 44.61972222	
Record Type:		EASR		Longitude: -79.45527778	
Link Source:		MOFA		Geometry X:	
Project Type:		Solar Facility		Geometry Y:	
Full Address:					
Approval Type:		EASR-Solar Facility			
SWP Area Name:		Severn Sound			
PDF NAICS Code:					
PDF URL:					
PDF Site Location:					
41	1 of 1	E/150.6	245.9 / 16.39	TAILORED GARDENING 1184 HAWK RIDGE CRES,,ORILLIA,ON,L3V 6H4, CA ON	PINC
Incident Id:					
Incident No:		1740048		Pipe Material:	
Incident Reported Dt:		10/20/2015		Fuel Category:	
Type:		FS-Pipeline Incident		Health Impact:	
Status Code:					
Tank Status:		Pipeline Damage Reason Est			
Task No:					
Spills Action Centre:					
Fuel Type:					
Fuel Occurrence Tp:					
Date of Occurrence:					
Occurrence Start Dt:					
Depth:					
Customer Acct Name:		TAILORED GARDENING			
Incident Address:		1184 HAWK RIDGE CRES,,ORILLIA,ON,L3V 6H4,CA			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
42	1 of 1	ENE/150.8	245.5 / 16.08	lot 2 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5736302			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/18/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	226232			Contractor:	5224
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736302.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/17/2001
Year Completed: 2001
Depth (m): 22.86
Latitude: 44.6326398683025
Longitude: -79.4467728838355
X: -79.4467727297769
Y: 44.632639867188914
Path: 573\5736302.pdf

Bore Hole Information

Bore Hole ID:	10521851	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623198.00
Code OB Desc:		North83:	4943316.00
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	08/17/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932850302
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 87

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		STONEY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		73.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932850303			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		73.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932850301			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		87			
Material 3 Desc:		STONEY			
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933223788			
Layer:		1			
Plug From:		0.0			
Plug To:		10.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965736302			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11070421			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930669640
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995736302
Pump Set At:
Static Level: 40.0
Final Level After Pumping:
Recommended Pump Depth: 73.0
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 24
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934320627
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934595052
Test Type:
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935109674
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934842750			
Test Type:					
Test Duration:		45			
Test Level:		43.0			
Test Level UOM:		ft			
Water Details					
Water ID:		934014227			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			

43	1 of 1	E/151.4	240.8 / 11.35	lot 5 con 4 ON	WWIS
Well ID:		5741424		Flowing (Y/N):	
Construction Date:		Domestic		Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:		Water Supply		Data Src:	
Final Well Status:				Date Received: 12/18/2006	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:		Z44471		Contractor: 1851	
Tag:		A024295		Form Version: 3	
Constructn Method:				Owner:	
Elevation (m):				County: SIMCOE	
Elevatn Reliability:				Lot: 005	
Depth to Bedrock:				Concession: 04	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5741424.pdf			

Additional Detail(s) (Map)

Well Completed Date:	11/02/2006
Year Completed:	2006
Depth (m):	10.9728
Latitude:	44.6290760048152
Longitude:	-79.4422286710762
X:	-79.44222851746974
Y:	44.629076003852916
Path:	574\5741424.pdf

Bore Hole Information

Bore Hole ID:	11695063	Elevation:	
DP2BR:		Elevarc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623566.00
Code OB Desc:		North83:	4942927.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	11/02/2006	UTMRC Desc:	margin of error : 10 - 30 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	WWF
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080680			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		31.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080677			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933080678			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		933080679			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		31.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933306713			
Layer:		1			
Plug From:		0.0			
Plug To:		31.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965741424			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11699929			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930891211			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-3.0			
Depth To:		31.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933421437			
Layer:		1			
Slot:		35			
Screen Top Depth:		31.0			
Screen End Depth:		36.0			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11703709
Pump Set At: 35.0
Static Level: 1.0
Final Level After Pumping: 31.0
Recommended Pump Depth: 33.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 8
Pumping Duration MIN: 0
Flowing:

Water Details

Water ID: 934081708
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 31.0
Water Found Depth UOM: ft

[44](#) 1 of 3 **NNW/169.9** **229.8 / 0.34** **lot 1 con 4 ON** **WWIS**

<p> Well ID: 5734047 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 199529 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info: </p>	<p> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 04/16/1999 Selected Flag: TRUE Abandonment Rec: Contractor: 5528 Form Version: 1 Owner: County: SIMCOE Lot: 001 Concession: 04 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability: </p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5734047.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/25/1999
Year Completed: 1999
Depth (m): 37.1856
Latitude: 44.6405972289425

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-79.4566719010343			
X:		-79.45667174705218			
Y:		44.640597227961756			
Path:		573\5734047.pdf			

Bore Hole Information

Bore Hole ID:	10411578	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622396.10
Code OB Desc:		North83:	4944185.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	01/25/1999	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932406789
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932406791
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	42.0
Formation End Depth:	78.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932406792
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		71			
Material 3 Desc:		FRACTURED			
Formation Top Depth:		78.0			
Formation End Depth:		89.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406793			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		89.0			
Formation End Depth:		122.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932406790			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:		28			
Material 3 Desc:		SAND			
Formation Top Depth:		18.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933196632			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965734047			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Other Method Construction:</i>					
<i>Pipe Information</i>					
<i>Pipe ID:</i>		10960148			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<i>Construction Record - Casing</i>					
<i>Casing ID:</i>		930666753			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		89.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<i>Construction Record - Casing</i>					
<i>Casing ID:</i>		930666754			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		122.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<i>Results of Well Yield Testing</i>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		995734047			
<i>Pump Set At:</i>					
<i>Static Level:</i>		40.0			
<i>Final Level After Pumping:</i>		80.0			
<i>Recommended Pump Depth:</i>		95.0			
<i>Pumping Rate:</i>		10.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		8.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		935103331			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		78.0			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934579215			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934321058			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934844339			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		77.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933894186			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		122.0			
Water Found Depth UOM:		ft			

44	2 of 3	NNW/169.9	229.8 / 0.34	lot 1 con 4 ON	WWIS
Well ID:	5729034			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	04/24/1992
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	105682			Contractor:	5528
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	001
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5729034.pdf				

Additional Detail(s) (Map)

Well Completed Date: 12/20/1991

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		1991			
Depth (m):		35.3568			
Latitude:		44.6405972289425			
Longitude:		-79.4566719010343			
X:		-79.45667174705218			
Y:		44.640597227961756			
Path:		572\5729034.pdf			

Bore Hole Information

Bore Hole ID:	10406608	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622396.10
Code OB Desc:		North83:	4944185.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/20/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932381813
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	56.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	932381814
Layer:	5
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	73.0
Formation End Depth:	116.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932381810			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932381812			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		56.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932381811			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		67			
Material 3 Desc:		DIRTY			
Formation Top Depth:		35.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933191992			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		965729034			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10955178			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930660566			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		76.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930660567			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		116.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995729034			
Pump Set At:					
Static Level:		27.0			
Final Level After Pumping:		110.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		40.0			
Flowing Rate:					
Recommended Pump Rate:		30.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934313607			
Test Type:					
Test Duration:		15			
Test Level:		110.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935095967			
Test Type:					
Test Duration:		60			
Test Level:		110.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934837848			
Test Type:					
Test Duration:		45			
Test Level:		110.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934580602			
Test Type:					
Test Duration:		30			
Test Level:		110.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933889081			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		115.0			
Water Found Depth UOM:		ft			

44	3 of 3	NNW/169.9	229.8 / 0.34	lot 1 con 4 ON	WWIS
Well ID:	5730725			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/24/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	144029			Contractor:	5528
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	001
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5730725.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Additional Detail(s) (Map)

Well Completed Date: 04/11/1994
Year Completed: 1994
Depth (m): 33.528
Latitude: 44.6405972289425
Longitude: -79.4566719010343
X: -79.45667174705218
Y: 44.640597227961756
Path: 573\5730725.pdf

Bore Hole Information

Bore Hole ID:	10408281	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622396.10
Code OB Desc:		North83:	4944185.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	04/11/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932390355
Layer: 2
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 05
Material 3 Desc: CLAY
Formation Top Depth: 2.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932390358
Layer: 5
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 05
Material 3 Desc: CLAY
Formation Top Depth: 46.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390357			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		46.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390359			
Layer:		6			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		28			
Material 3 Desc:		SAND			
Formation Top Depth:		60.0			
Formation End Depth:		78.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390360			
Layer:		7			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		78.0			
Formation End Depth:		86.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390354			
Layer:		1			
Color:					
General Color:					
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390361			
Layer:		8			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		86.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932390356			
Layer:		3			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933193343			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965730725			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10956851			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930662611
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 87.0
 Casing Diameter: 6.0
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
 Pump Test ID: 995730725
 Pump Set At:
 Static Level: 33.0
 Final Level After Pumping: 65.0
 Recommended Pump Depth: 85.0
 Pumping Rate: 7.0
 Flowing Rate:
 Recommended Pump Rate: 7.0
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 2
 Water State After Test: CLOUDY
 Pumping Test Method: 2
 Pumping Duration HR: 30
 Pumping Duration MIN: 0
 Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935101501
 Test Type: Draw Down
 Test Duration: 60
 Test Level: 60.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934586169
 Test Type: Draw Down
 Test Duration: 30
 Test Level: 58.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934834616
 Test Type: Draw Down
 Test Duration: 45
 Test Level: 59.0
 Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934310844 Test Type: Draw Down Test Duration: 15 Test Level: 57.0 Test Level UOM: ft					
Water Details					
Water ID: 933890774 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 110.0 Water Found Depth UOM: ft					
45	1 of 2	WNW/177.9	229.3 / -0.15	Hawk Ridge Golf & Country Club 4331 Uthhoff Line Severn ON L3V 8B8	GEN
Generator No: ON2803613 SIC Code: SIC Description: Approval Years: As of Dec 2018 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
Detail(s)					
Waste Class: 221 I Waste Class Name: Light fuels Waste Class: 252 L Waste Class Name: Waste crankcase oils and lubricants					
45	2 of 2	WNW/177.9	229.3 / -0.15	Hawk Ridge Golf & Country Club c/o Mark Rich Homes Ltd Hawk Ridge Golf & Country Club Lot: 3, Concession: 4 4331 Uthhoff Line Township of Orillia Severn, County of Simcoe, Ontario ORILLIA ON	PTTW
EBR Registry No: 013-2164 Ministry Ref No: 5247-AUAN4C Notice Type: Instrument Decision Notice Stage: Notice Date: June 20, 2018 Proposal Date: January 08, 2018 Year: 2018 Instrument Type: Permit to Take Water - OWRA s. 34 Off Instrument Name: Posted By: Company Name: Hawk Ridge Golf & Country Club c/o Mark Rich Homes Ltd Site Address: Location Other: Proponent Name: Proponent Address: 1151 Hurlwood Lane Orillia Ontario Canada L3V 0Y6 Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment Period:					
URL:					
Site Location Details:					
Hawk Ridge Golf & Country Club Lot: 3, Concession: 4 4331 Uthoff Line Township of Orillia Severn, County of Simcoe, Ontario ORILLIA					
46	1 of 2	E/180.3	249.2 / 19.78	MARK RICH HOMES LTD.-WEST STREET BRODIE DR./WEST STREET ORILLIA TWP. ON	CA
Certificate #:		3-0294-91-			
Application Year:		91			
Issue Date:		5/31/1991			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
46	2 of 2	E/180.3	249.2 / 19.78	RIOCAN HOLDINGS INC. BURNSIDE LINE/BRODIE DR. ORILLIA ON	CA
Certificate #:		7-0075-98-			
Application Year:		98			
Issue Date:		3/12/1998			
Approval Type:		Municipal water			
Status:		Cancelled			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
47	1 of 1	E/183.1	246.6 / 17.12	lot 4 con 4 ON	WWIS
Well ID:		5736479		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				12/06/2001	
Audit No:		231892		Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				1851	
Elevatn Reliability:				Contractor:	
Depth to Bedrock:				1	
				Form Version:	
				1	
				Owner:	
				SIMCOE	
				County:	
				004	
				Lot:	
				04	
				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		ORILLIA TOWNSHIP		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	SD
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5736479.pdf			

Additional Detail(s) (Map)

Well Completed Date: 11/01/2001
Year Completed: 2001
Depth (m): 27.1272
Latitude: 44.630077055017
Longitude: -79.4390627535408
X: -79.43906260021258
Y: 44.63007705421107
Path: 573\5736479.pdf

Bore Hole Information

Bore Hole ID:	10522028	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623815.00
Code OB Desc:		North83:	4943043.00
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	11/01/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932851142
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932851143
Layer: 2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851144			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851145			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		23.0			
Formation End Depth:		73.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932851146			
Layer:		5			
Color:					
General Color:					
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		73.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932851148			
Layer:		7			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		85.0			
Formation End Depth:		89.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932851147			
Layer:		6			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		79.0			
Formation End Depth:		85.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933223977			
Layer:		2			
Plug From:		85.0			
Plug To:		82.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933223976			
Layer:		1			
Plug From:		0.0			
Plug To:		85.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965736479			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11070598			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930669873			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933401530			
Layer:		1			
Slot:		016			
Screen Top Depth:		85.0			
Screen End Depth:		89.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995736479			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		26.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		934014405			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		89.0			
Water Found Depth UOM:		ft			

48

1 of 17

E/190.8

251.9 / 22.39

PINE GROVE VETERINARY HOSPITAL
N.E. CORNER OF BRODIE DR & WEST ST.N.

GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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ORILLIA ON L3V 6H4

Generator No: ON1602100
SIC Code: 0211
SIC Description: VETERINARY SERVICE
Approval Years: 92,93,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

48	2 of 17	E/190.8	251.9 / 22.39	PINE GROVE VETERINARY HOSPITAL 31-584 N.E. CORNER OF BRODIE DR & WEST ST.N. C/O WEST ST. N., R.R. #4 ORILLIA ON L3V 6H4	GEN
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Generator No: ON1602100
SIC Code: 0211
SIC Description: VETERINARY SERVICE
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

48	3 of 17	E/190.8	251.9 / 22.39	PINE GROVE VETERINARY HOSPITAL NORTH EAST CORNER OF BRODIE DRIVE AND WEST STREET NORTH ORILLIA ON L3V 6H4	GEN
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Generator No: ON1602100
SIC Code: 0211
SIC Description: VETERINARY SERVICE
Approval Years: 99
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
48	4 of 17	E/190.8	251.9 / 22.39	PINE GROVE VETERINARY HOSPITAL 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		0211			
SIC Description:					
Approval Years:		00,01			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
48	5 of 17	E/190.8	251.9 / 22.39	BOOTH VETERINARY HOSPITAL 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		Veterinary Services			
Approval Years:		07,08			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	6 of 17	E/190.8	251.9 / 22.39	BOOTH VETERINARY HOSPITAL 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		Veterinary Services			
Approval Years:		2009			
PO Box No:					
Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	7 of 17	E/190.8	251.9 / 22.39	BOOTH VETERINARY HOSPITAL 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		Veterinary Services			
Approval Years:		2010			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
48	8 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		Veterinary Services			
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	9 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		Veterinary Services			
Approval Years:		2012			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	10 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE ORILLIA ON	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		VETERINARY SERVICES			
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	11 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE Severn ON L3V 0W1	GEN
Generator No:		ON1602100			
SIC Code:		541940			
SIC Description:		VETERINARY SERVICES			
Approval Years:		2016			
PO Box No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country:		Canada			
Status:					
Co Admin:		CO_OFFICIAL			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		No			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			

48	12 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE Severn ON L3V 0W1	GEN
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Generator No: ON1602100
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES
Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES
Waste Class: 261
Waste Class Name: PHARMACEUTICALS
Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

48	13 of 17	E/190.8	251.9 / 22.39	Allin Veterinary 4351 BURNSIDE LINE ORILLIA ON L3V 6H4	GEN
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Generator No: ON1602100
SIC Code: 541940
SIC Description: VETERINARY SERVICES
Approval Years: 2014
PO Box No:
Country: Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		No			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Name:		PHOTOPROCESSING WASTES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
48	14 of 17	<i>E/190.8</i>	<i>251.9 / 22.39</i>	<i>Allin Veterinary 4351 BURNSIDE LINE Severn ON L3V 0W1</i>	<i>GEN</i>
Generator No:		ON1602100			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		263 B			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		264 L			
Waste Class Name:		Photoprocessing wastes			
Waste Class:		264 T			
Waste Class Name:		Photoprocessing wastes			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
48	15 of 17	<i>E/190.8</i>	<i>251.9 / 22.39</i>	<i>Allin Veterinary 4351 BURNSIDE LINE Severn ON L3V 0W1</i>	<i>GEN</i>
Generator No:		ON1602100			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 312 P Waste Class Name: Pathological wastes					
Waste Class: 264 L Waste Class Name: Photoprocessing wastes					
Waste Class: 261 A Waste Class Name: Pharmaceuticals					
Waste Class: 264 T Waste Class Name: Photoprocessing wastes					
Waste Class: 263 B Waste Class Name: Misc. waste organic chemicals					
48	16 of 17	<i>E/190.8</i>	<i>251.9 / 22.39</i>	<i>Allin Veterinary 4351 BURNSIDE LINE Severn ON L3V 0W1</i>	<i>GEN</i>
Generator No: ON1602100 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 264 L Waste Class Name: Photoprocessing wastes					
Waste Class: 263 B Waste Class Name: Misc. waste organic chemicals					
Waste Class: 264 T Waste Class Name: Photoprocessing wastes					
Waste Class: 312 P Waste Class Name: Pathological wastes					
Waste Class: 261 A Waste Class Name: Pharmaceuticals					
48	17 of 17	<i>E/190.8</i>	<i>251.9 / 22.39</i>	<i>Allin Veterinary 4351 BURNSIDE LINE</i>	<i>GEN</i>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Severn ON L3V 0W1

Generator No: ON1602100
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264 T
Waste Class Name: PHOTOPROCESSING WASTES

Waste Class: 263 B
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 261 A
Waste Class Name: PHARMACEUTICALS

Waste Class: 312 P
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 264 L
Waste Class Name: PHOTOPROCESSING WASTES

[49](#) 1 of 1 **SSW/192.1** **235.5 / 6.02** **lot 4 con 3 ON** **WWIS**

Well ID: 5720646 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info:	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 05/21/1986 Selected Flag: TRUE Abandonment Rec: Contractor: 5218 Form Version: 1 Owner: County: SIMCOE Lot: 004 Concession: 03 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5720646.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/21/1986
Year Completed: 1986
Depth (m): 17.6784

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		44.6229184128613			
Longitude:		-79.4541592805303			
X:		-79.4541591275282			
Y:		44.622918412196114			
Path:		572\5720646.pdf			

Bore Hole Information

Bore Hole ID:	10398272	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	622632.60
Code OB Desc:		North83:	4942225.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	3
Date Completed:	03/21/1986	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932343091
Layer:	2
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	12
Material 2 Desc:	STONES
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	16.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932343092
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	57.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932343090			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		85			
Material 3 Desc:		SOFT			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965720646			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10946842			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930650038			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		58.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995720646			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:		56.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		0			
Pumping Duration MIN:		1			
Flowing:		No			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934572876					
Test Type: Recovery					
Test Duration: 30					
Test Level: 4.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934298007					
Test Type: Recovery					
Test Duration: 15					
Test Level: 13.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933880410					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 58.0					
Water Found Depth UOM: ft					
50	1 of 6	ENE/203.0	251.8 / 22.33	SPEEDY SIGNS 4337 BURNSIDE LINE UNIT 9 ORILLIA ON L3V	SCT
Established: 1989					
Plant Size (ft²): 1500					
Employment: 3					
--Details--					
Description: Sign Manufacturing					
SIC/NAICS Code: 339950					
50	2 of 6	ENE/203.0	251.8 / 22.33	PROGRAMMED MOTION INC WEST ST N RR 4 SUNSET PLAZA ORILLIA ON L3V 6H4	SCT
Established: 1979					
Plant Size (ft²): 2000					
Employment: 3					
--Details--					
Description: WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED					
SIC/NAICS Code: 2511					
Description: GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED					
SIC/NAICS Code: 3569					
50	3 of 6	ENE/203.0	251.8 / 22.33	Speedy Signs & Truck Lettering - Div. of Rumsey Brothers Construction Ltd. 4337 Burnside Line Unit 9 Orillia ON L3V 6J3	SCT
Established: 1989					
Plant Size (ft²): 1500					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Employment:		3			
50	4 of 6	ENE/203.0	251.8 / 22.33	Speedy Signs & Truck Lettering 4337 Burnside Line Unit 9 Orillia ON L3V 6H4	SCT
Established:		01-AUG-89			
Plant Size (ft²):		1500			
Employment:					
--Details--					
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
Description:		Sign Manufacturing			
SIC/NAICS Code:		339950			
50	5 of 6	ENE/203.0	251.8 / 22.33	Programmed Motion Inc. 4337 West St N Unit 5 Orillia ON L3V 6H4	SCT
Established:		01-JUN-79			
Plant Size (ft²):		2000			
Employment:					
--Details--					
Description:		All Other General-Purpose Machinery Manufacturing			
SIC/NAICS Code:		333990			
Description:		Other Wood Household Furniture Manufacturing			
SIC/NAICS Code:		337123			
50	6 of 6	ENE/203.0	251.8 / 22.33	4337 Burnside Line Orillia ON L3V 6H4	EHS
Order No:	20100902015			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	9/13/2010			Search Radius (km):	0.25
Date Received:	9/2/2010			X:	-79.439436
Previous Site Name:				Y:	44.632336
Lot/Building Size:					
Additional Info Ordered:					
51	1 of 1	ENE/203.9	251.1 / 21.63	lot 3 con 5 ON	WWIS
Well ID:	5713142			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/20/1976
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		ORILLIA TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5713142.pdf			

Additional Detail(s) (Map)

Well Completed Date: 11/19/1975
Year Completed: 1975
Depth (m): 30.7848
Latitude: 44.6330592928006
Longitude: -79.4392399913985
X: -79.43923983748242
Y: 44.633059291700576
Path: 571\5713142.pdf

Bore Hole Information

Bore Hole ID:	10390893	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623794.60
Code OB Desc:		North83:	4943374.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/19/1975	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932310300
Layer: 2
Color: 5
General Color: YELLOW
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 05
Material 3 Desc: CLAY
Formation Top Depth: 25.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932310301			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		53.0			
Formation End Depth:		91.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932310299			
Layer:		1			
Color:					
General Color:					
Material 1:		23			
Material 1 Desc:		PREVIOUSLY DUG			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932310302			
Layer:		4			
Color:		5			
General Color:		YELLOW			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		91.0			
Formation End Depth:		101.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965713142			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10939463			
Casing No:		1			
Comment:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930640900			
<i>Layer:</i>		1			
<i>Material:</i>		3			
<i>Open Hole or Material:</i>		CONCRETE			
<i>Depth From:</i>					
<i>Depth To:</i>		25.0			
<i>Casing Diameter:</i>		48.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930640901			
<i>Layer:</i>		2			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		101.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		BAILER			
<i>Pump Test ID:</i>		995713142			
<i>Pump Set At:</i>					
<i>Static Level:</i>		17.0			
<i>Final Level After Pumping:</i>		92.0			
<i>Recommended Pump Depth:</i>		96.0			
<i>Pumping Rate:</i>		7.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		7.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		2			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		30			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934569907			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		17.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934303633			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		55.0			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935094870			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934829087			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933872977			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		91.0			
Water Found Depth UOM:		ft			

52	1 of 1	E/208.0	251.9 / 22.39	4351 BURNSIDE LINE lot 3 con 5 Orillia ON	WWIS
Well ID:	7314587			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Other			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	07/13/2018
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z240089			Contractor:	5528
Tag:	A210682			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7314587.pdf				

Additional Detail(s) (Map)

Well Completed Date:	06/20/2018
Year Completed:	2018
Depth (m):	31
Latitude:	44.6325485512955
Longitude:	-79.4387569480167
X:	-79.43875679379444
Y:	44.63254854975528
Path:	731\7314587.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1007159991			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623834.00
Code OB Desc:				North83:	4943318.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	06/20/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007933493				
Layer:	5				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	24.399999618530273				
Formation End Depth:	29.600000381469727				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007933491				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	11				
Material 1 Desc:	GRAVEL				
Material 2:	12				
Material 2 Desc:	STONES				
Material 3:	34				
Material 3 Desc:	TILL				
Formation Top Depth:	9.699999809265137				
Formation End Depth:	11.300000190734863				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007933492				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		34			
Material 3 Desc:		TILL			
Formation Top Depth:		11.300000190734863			
Formation End Depth:		24.399999618530273			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007933489			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007933494			
Layer:		6			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		29.600000381469727			
Formation End Depth:		30.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007933495			
Layer:		7			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.5			
Formation End Depth:		31.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007933490			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		34			
Material 3 Desc:		TILL			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		9.699999809265137			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007934383			
Layer:		1			
Plug From:		0.0			
Plug To:		7.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007935612			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007931763			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007936185			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		26.0			
Depth To:		26.799999237060547			
Casing Diameter:		14.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1007936184			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.6000000238418579			
Depth To:		26.799999237060547			
Casing Diameter:		15.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1007936457			
Layer:		1			
Slot:		.01			
Screen Top Depth:		26.799999237060547			
Screen End Depth:		28.0			
Screen Material:		8			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		15.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1007937308			
Pump Set At:		24.0			
Static Level:		15.350000381469727			
Final Level After Pumping:		18.559999465942383			
Recommended Pump Depth:		24.0			
Pumping Rate:		404.0			
Flowing Rate:					
Recommended Pump Rate:		60.0			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944156			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		17.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944164			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		18.540000915527344			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944166			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		18.559999465942383			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944165			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		18.549999237060547			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944169			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		17.010000228881836			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944157			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		18.010000228881836			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944158			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		18.200000762939453			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944162			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.469999313354492			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944170			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		16.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944160			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		18.299999237060547			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944159			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		18.260000228881836			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944161			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		18.399999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944163			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		18.510000228881836			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944167			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		18.559999465942383			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007944168			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.559999465942383			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1007936856			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		26.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007935070			
Diameter:		26.0			
Depth From:		0.0			
Depth To:		7.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007935071			
Diameter:		22.0			
Depth From:		7.0			
Depth To:		31.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	1 of 1	ENE/213.8	248.1 / 18.66	4251 BURNSIDE LINE lot 3 con 5 Orillia ON	WWIS

Well ID:	7388373	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Other	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	06/01/2021
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z333031	Contractor:	5528
Tag:	A287879	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	003
Depth to Bedrock:		Concession:	05
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7388373.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/26/2021
Year Completed:	2021
Depth (m):	
Latitude:	44.6359644383764
Longitude:	-79.4410230784384
X:	-79.44102292420389
Y:	44.63596443672134
Path:	738\7388373.pdf

Bore Hole Information

Bore Hole ID:	1008669569	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623647.00
Code OB Desc:		North83:	4943694.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04/26/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1009958416
Layer:	3
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.299999237060547			
Formation End Depth:		29.299999237060547			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1009958417			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:		71			
Material 3 Desc:		FRACTURED			
Formation Top Depth:		29.299999237060547			
Formation End Depth:		30.200000762939453			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1009958415			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		15.199999809265137			
Formation End Depth:		18.299999237060547			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1009958418			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.200000762939453			
Formation End Depth:		44.20000076293945			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1009958414			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.199999809265137			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1009959681			
Layer:		1			
Plug From:		0.0			
Plug To:		8.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1009961147			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1009766566			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1009961700			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		33.79999923706055			
Depth To:		44.20000076293945			
Casing Diameter:		15.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1009961699			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.699999988079071			
Depth To:		33.79999923706055			
Casing Diameter:		15.5			
Casing Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:	1009963083				
Pump Set At:	38.0				
Static Level:	4.889999866485596				
Final Level After Pumping:	25.079999923706055				
Recommended Pump Depth:	38.0				
Pumping Rate:	20.0				
Flowing Rate:					
Recommended Pump Rate:	20.0				
Levels UOM:	m				
Rate UOM:	LPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	0				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1009964806				
Test Type:	Draw Down				
Test Duration:	3				
Test Level:	7.119999885559082				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1009964807				
Test Type:	Draw Down				
Test Duration:	4				
Test Level:	8.600000381469727				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1009964813				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	20.09000015258789				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1009964804				
Test Type:	Draw Down				
Test Duration:	1				
Test Level:	5.400000095367432				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1009964815				
Test Type:	Draw Down				
Test Duration:	50				
Test Level:	24.0				
Test Level UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964816		
Test Type:			Draw Down		
Test Duration:			60		
Test Level:			25.079999923706055		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964817		
Test Type:			Recovery		
Test Duration:			1		
Test Level:			24.270000457763672		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964821		
Test Type:			Recovery		
Test Duration:			5		
Test Level:			21.3799991607666		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964809		
Test Type:			Draw Down		
Test Duration:			10		
Test Level:			4.699999809265137		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964810		
Test Type:			Draw Down		
Test Duration:			15		
Test Level:			14.100000381469727		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964811		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			16.549999237060547		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1009964820		
Test Type:			Recovery		
Test Duration:			4		
Test Level:			22.06999969482422		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1009964812			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		18.549999237060547			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009964819			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		22.770000457763672			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009964805			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		6.300000190734863			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009964808			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.600000381469727			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009964814			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		22.399999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1009964818			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		23.520000457763672			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1009962495			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		42.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1009960485			
Diameter:		15.0			
Depth From:		33.79999923706055			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		44.20000076293945			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1009960483			
Diameter:		26.0			
Depth From:		0.0			
Depth To:		8.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1009960484			
Diameter:		22.0			
Depth From:		8.0			
Depth To:		33.79999923706055			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

54	1 of 1	ENE/213.9	252.0 / 22.50	lot 3 con 5 ON	WWIS
Well ID:	5713121			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/20/1976
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	003
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5713121.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/15/1975
Year Completed: 1975
Depth (m): 24.384
Latitude: 44.6339678209771
Longitude: -79.4398460247075
X: -79.43984587123582
Y: 44.633967820215936
Path: 571\5713121.pdf

Bore Hole Information

Bore Hole ID: 10390872 **Elevation:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623744.60
Code OB Desc:				North83:	4943474.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	08/15/1975			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 932310185
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 39.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932310184
Layer: 2
Color: 3
General Color: BLUE
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 24.0
Formation End Depth: 39.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932310183
Layer: 1
Color:
General Color:
Material 1: 23
Material 1 Desc: PREVIOUSLY DUG
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation Top Depth:</i>		0.0			
<i>Formation End Depth:</i>		24.0			
<i>Formation End Depth UOM:</i>		ft			
<u>Overburden and Bedrock Materials Interval</u>					
<i>Formation ID:</i>		932310186			
<i>Layer:</i>		4			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Material 1:</i>		31			
<i>Material 1 Desc:</i>		COARSE GRAVEL			
<i>Material 2:</i>		10			
<i>Material 2 Desc:</i>		COARSE SAND			
<i>Material 3:</i>					
<i>Material 3 Desc:</i>					
<i>Formation Top Depth:</i>		78.0			
<i>Formation End Depth:</i>		80.0			
<i>Formation End Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		965713121			
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		10939442			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930640877			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		80.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		995713121			
<i>Pump Set At:</i>					
<i>Static Level:</i>		12.0			
<i>Final Level After Pumping:</i>		73.0			
<i>Recommended Pump Depth:</i>		75.0			
<i>Pumping Rate:</i>		6.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:					
Pumping Test Method:	1				
Pumping Duration HR:	14				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934569889				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	73.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934829069				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	73.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935094851				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	73.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934303615				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	70.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933872957				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	78.0				
Water Found Depth UOM:	ft				

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1 of 1

SE/254.1

242.3 / 12.83

230 Uthoff Line lot 5 con 4
Orillia ON

WWIS

Well ID:	7384375	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Monitoring	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Observation Wells	Date Received:	04/01/2021
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	HNZWRSGN	Contractor:	7190
Tag:	A316387	Form Version:	9
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	SD
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7384375.pdf

Additional Detail(s) (Map)

Well Completed Date: 02/10/2021
Year Completed: 2021
Depth (m): 6.096
Latitude: 44.6214003850595
Longitude: -79.4424844022999
X: -79.44248424780461
Y: 44.62140038361788
Path: 738\7384375.pdf

Bore Hole Information

Bore Hole ID:	1008602747	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623562.00
Code OB Desc:		North83:	4942074.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	02/10/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1008602857
Layer: 2
Color: 2
General Color: GREY
Material 1: 06
Material 1 Desc: SILT
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 17.5
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1008602856			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008602858			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		10			
Material 2 Desc:		COARSE SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		17.5			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008602970			
Layer:		3			
Plug From:		13.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008602968			
Layer:		1			
Plug From:		0.0			
Plug To:		1.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008602949			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008602969			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Plug From:		1.0			
Plug To:		13.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008602818			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008602790			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008602904			
Layer:		2			
Material:		7			
Open Hole or Material:		OTHER			
Depth From:		-3.0			
Depth To:		1.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1008602903			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		-3.0			
Depth To:		15.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008602922			
Layer:		1			
Slot:		010			
Screen Top Depth:		15.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008602791			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Static Level: 20.0
 Final Level After Pumping:
 Recommended Pump Depth:
 Pumping Rate:
 Flowing Rate:
 Recommended Pump Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code:
 Water State After Test:
 Pumping Test Method:
 Pumping Duration HR:
 Pumping Duration MIN:
 Flowing:

Water Details

Water ID: 1008602844
 Layer: 1
 Kind Code: 8
 Kind: Untested
 Water Found Depth: 20.0
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008602933
 Diameter: 6.5
 Depth From: 0.0
 Depth To: 20.0
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

[56](#) 1 of 1 **SSE/264.4** **240.9 / 11.39** **. Uthhoff Line in Orillia lot 5 con 4 ON** **WWIS**

<p> Well ID: 7408483 Construction Date: Use 1st: Monitoring Use 2nd: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: LPBEMYP7 Tag: A337420 Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info: </p>	<p> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 01/14/2022 Selected Flag: TRUE Abandonment Rec: Contractor: 7360 Form Version: 9 Owner: County: SIMCOE Lot: 005 Concession: 04 Concession Name: SD Easting NAD83: Northing NAD83: Zone: UTM Reliability: </p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/740\7408483.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/14/2021

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		2021			
Depth (m):		10.9728			
Latitude:		44.6201675603599			
Longitude:		-79.4451643822641			
X:		-79.44516422787518			
Y:		44.62016755890752			
Path:		740\7408483.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1008928667			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	623352.00
Code OB Desc:				North83:	4941933.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/14/2021			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008928790				
Layer:	1				
Color:					
General Color:					
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	36.0				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008928898				
Layer:	1				
Plug From:	0.0				
Plug To:	25.0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008928856				
Layer:	1				
Plug From:					
Plug To:					
Plug Depth UOM:	ft				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008928755			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008928721			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008928812			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		26.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008928831			
Layer:		1			
Slot:		0.1			
Screen Top Depth:		26.0			
Screen End Depth:		36.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008928722			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1008928778			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		10.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1008928845			
Diameter:		4.0			
Depth From:		0.0			
Depth To:		36.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

57	1 of 1	SE/285.9	249.6 / 20.12	lot 5 con 4 ON	WWIS
Well ID:	5738205			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/07/2003
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	244641			Contractor:	1851
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	005
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	SD
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5738205.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/21/2003
Year Completed: 2003
Depth (m): 25.6032
Latitude: 44.6217997694785
Longitude: -79.4407455522791
X: -79.44074539829617
Y: 44.62179976758741
Path: 573\5738205.pdf

Bore Hole Information

Bore Hole ID:	10547531	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	623699.10
Code OB Desc:		North83:	4942121.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/21/2003	UTMRC Desc:	unknown UTM

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932938101			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		67			
Material 2 Desc:		DIRTY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		77.0			
Formation End Depth:		79.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932938102			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		79.0			
Formation End Depth:		83.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932938103			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		83.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932938100			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		12.0			
Formation End Depth:		77.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932938099			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933244308			
Layer:		1			
Plug From:		0.0			
Plug To:		79.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965738205			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11096101			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930672023			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Depth From:

Depth To:

Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933406622
Layer: 1
Slot: 025
Screen Top Depth: 79.0
Screen End Depth: 84.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995738205
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 934041491
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 83.0
Water Found Depth UOM: ft

Water Details

Water ID: 934041490
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 81.0
Water Found Depth UOM: ft

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1 of 20

E/289.2

251.5 / 22.03

CDN TIRE ASSOC. STORE/DAVID G. BEATON
HOLDINGS LTD
1017 BRODIE DR
ORILLIA ON L3V7X6

PES

Detail Licence No:

Operator Box:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence No:	05105			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	705
Licence Type:	Limited Vendor			Oper Phone No:	3257414
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	1
Longitude:				Operator District:	1
Lot:				Operator County:	57
Concession:				Op Municipality:	
Region:	1			Post Office Box:	
District:	1			MOE District:	
County:	57			SWP Area Name:	
Trade Name:					
PDF URL:					

58	2 of 20	E/289.2	251.5 / 22.03	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD 1017 BRODIE DR ORILLIA ON L3V 7X6	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					

58	3 of 20	E/289.2	251.5 / 22.03	Canadian Tire #074 1017 Brodie Drive Orillia ON L3V 7X6	GEN
Generator No:	ON8837213				
SIC Code:	452991 452999				
SIC Description:	Home and Auto Supplies Stores, All Other Miscellaneous General Merchandise Stores				
Approval Years:	07,08				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Name:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Name:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Name:		147 CHEMICAL FERTILIZER WASTES			
Waste Class: Waste Class Name:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		213 PETROLEUM DISTILLATES			
Waste Class: Waste Class Name:		221 LIGHT FUELS			
Waste Class: Waste Class Name:		222 HEAVY FUELS			
Waste Class: Waste Class Name:		242 HALOGENATED PESTICIDES			
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Name:		262 DETERGENTS/SOAPS			
Waste Class: Waste Class Name:		331 WASTE COMPRESSED GASES			
58	4 of 20	E/289.2	251.5 / 22.03	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD 1017 BRODIE DR ORILLIA ON L3V 7X6	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:	Vendor			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
58	5 of 20	E/289.2	251.5 / 22.03	Dave Beaton Enterprises Inc. 1017 Brodie Drive Orillia ON L3V 7X6	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON8837213 452991, 452999 Home and Auto Supplies Stores, All Other Miscellaneous General Merchandise Stores 2009			
<u>Detail(s)</u>					
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			

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E/289.2

251.5 / 22.03

Dave Beaton Enterprises Inc.
 1017 Brodie Drive
 Orillia ON L3V 7X6

GEN

Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: Home and Auto Supplies Stores, All Other Miscellaneous General Merchandise Stores
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			

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E/289.2

251.5 / 22.03

Dave Beaton Enterprises Inc.
1017 Brodie Drive
Orillia ON L3V 7X6

GEN

Generator No:

ON8837213

SIC Code:

452991, 452999

SIC Description:

Home and Auto Supplies Stores, All Other Miscellaneous General Merchandise Stores

Approval Years:

2011

PO Box No:**Country:****Status:****Co Admin:****Choice of Contact:****Phone No Admin:****Contaminated Facility:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			

58	8 of 20	E/289.2	251.5 / 22.03	Dave Beaton Enterprises Inc. 1017 Brodie Drive Orillia ON L3V 7X6	GEN
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Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: Home and Auto Supplies Stores, All Other Miscellaneous General Merchandise Stores
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:			145		
Waste Class Name:			PAINT/PIGMENT/COATING RESIDUES		
Waste Class:			112		
Waste Class Name:			ACID WASTE - HEAVY METALS		
Waste Class:			147		
Waste Class Name:			CHEMICAL FERTILIZER WASTES		
Waste Class:			213		
Waste Class Name:			PETROLEUM DISTILLATES		
Waste Class:			263		
Waste Class Name:			ORGANIC LABORATORY CHEMICALS		
Waste Class:			242		
Waste Class Name:			HALOGENATED PESTICIDES		
Waste Class:			122		
Waste Class Name:			ALKALINE WASTES - OTHER METALS		
Waste Class:			148		
Waste Class Name:			INORGANIC LABORATORY CHEMICALS		
Waste Class:			222		
Waste Class Name:			HEAVY FUELS		
Waste Class:			252		
Waste Class Name:			WASTE OILS & LUBRICANTS		
Waste Class:			331		
Waste Class Name:			WASTE COMPRESSED GASES		
Waste Class:			262		
Waste Class Name:			DETERGENTS/SOAPS		
Waste Class:			212		
Waste Class Name:			ALIPHATIC SOLVENTS		
Waste Class:			221		
Waste Class Name:			LIGHT FUELS		

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E/289.2

251.5 / 22.03

**Dave Beaton Enterprises Inc.
1017 Brodie Drive
Orillia ON**

GEN

Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: HOME AND AUTO SUPPLIES STORES, ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 147

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			

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E/289.2

251.5 / 22.03

Dave Beaton Enterprises Inc.
1017 Brodie Drive
Orillia ON L3V 7X6

GEN

Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: HOME AND AUTO SUPPLIES STORES, ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Matt Gunness
Choice of Contact: CO_ADMIN
Phone No Admin: 905-795-3330 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 112

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		213			
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			

58 11 of 20 **E/289.2** **251.5 / 22.03** **Dave Beaton Enterprises Inc.**
1017 Brodie Drive
Orillia ON L3V 7X6 **GEN**

Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: HOME AND AUTO SUPPLIES STORES, ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Matt Gunness
Choice of Contact: CO_ADMIN
Phone No Admin: 905-795-3330 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 213

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		PETROLEUM DISTILLATES			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			

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E/289.2**251.5 / 22.03**

Dave Beaton Enterprises Inc.
1017 Brodie Drive
Orillia ON L3V 7X6

GEN

Generator No: ON8837213
SIC Code: 452991, 452999
SIC Description: HOME AND AUTO SUPPLIES STORES, ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Matt Gunness
Choice of Contact: CO_ADMIN
Phone No Admin: 905-795-3330 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 112

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		147			
Waste Class Name:		CHEMICAL FERTILIZER WASTES			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		222			
Waste Class Name:		HEAVY FUELS			

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E/289.2

251.5 / 22.03

*Dave Beaton Enterprises Inc.
1017 Brodie Drive
Orillia ON L3V 7X6*

GEN

Generator No: ON8837213
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 145 I
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 148 C
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 148 I
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 242 A

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			

58	14 of 20	E/289.2	251.5 / 22.03	CDN TIRE ASSOC. STORE/DAVID G. BEATON HOLDINGS LTD 1017 BRODIE DR ORILLIA ON L3V7X6	PES
Detail Licence No:		Operator Box:			
Licence No:	05105	Operator Class:			
Status:		Operator No:			
Approval Date:		Operator Type:			
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:			705
Licence Type:	Retail Vendor Class 03	Oper Phone No:			3257414
Licence Type Code:	21	Operator Ext:			
Licence Class:	03	Operator Lot:			
Licence Control:		Oper Concession:			
Latitude:		Operator Region:			
Longitude:		Operator District:			
Lot:		Operator County:			
Concession:		Op Municipality:			
Region:		Post Office Box:			
District:		MOE District:			
County:		SWP Area Name:			
Trade Name:					
PDF URL:					

58	15 of 20	E/289.2	251.5 / 22.03	Lindbram Holdings Ltd. 1017 Brodie Drive Orillia ON L3V 7X6	GEN
Generator No:	ON8837213				
SIC Code:					
SIC Description:					
Approval Years:	As of Jul 2020				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Detail(s)

Waste Class:	331 I
Waste Class Name:	Waste compressed gases including cylinders
Waste Class:	212 L
Waste Class Name:	Aliphatic solvents and residues
Waste Class:	145 I
Waste Class Name:	Wastes from the use of pigments, coatings and paints
Waste Class:	148 C
Waste Class Name:	Misc. wastes and inorganic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Waste Class: 148 I Waste Class Name: Misc. wastes and inorganic chemicals Waste Class: 242 A Waste Class Name: Halogenated pesticides and herbicides Waste Class: 263 I Waste Class Name: Misc. waste organic chemicals	
58	16 of 20	E/289.2	251.5 / 22.03	LINBRAAND HOLDINGS LTD. 1017 BRODIE DR SEVERN ON L3V 7X6	PES
				Detail Licence No: Licence No: L-232-1075737681 Status: Active Approval Date: 2020-01-09 Report Source: PEST-Limited Vendor Licence Type: Limited Vendor Licence Type Code: Licence Class: Licence Control: Latitude: 44.63138889 Longitude: -79.43805556 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2206930	Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Barrie SWP Area Name: Severn Sound
58	17 of 20	E/289.2	251.5 / 22.03	Lindbram Holdings Ltd. 1017 Brodie Drive Orillia ON L3V 7X6	GEN
				Generator No: ON8837213 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	
				Detail(s) Waste Class: 148 C Waste Class Name: Misc. wastes and inorganic chemicals Waste Class: 148 I Waste Class Name: Misc. wastes and inorganic chemicals Waste Class: 331 I Waste Class Name: Waste compressed gases including cylinders Waste Class: 145 I	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		242 A			
Waste Class Name:		Halogenated pesticides and herbicides			

<u>58</u>	18 of 20	E/289.2	251.5 / 22.03	Canadian Tire Real Estate Limited 1017 Brodie Drive Orillia ON L3V 7X6	GEN
Generator No:		ON9390217			
SIC Code:					
SIC Description:					
Approval Years:		As of Nov 2021			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			

<u>58</u>	19 of 20	E/289.2	251.5 / 22.03	Lindbram Holdings Ltd. 1017 Brodie Drive Orillia ON L3V 7X6	GEN
Generator No:		ON8837213			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		242 A			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		148 I			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 L			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		148 C			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263 I			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145 I			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			

[58](#) 20 of 20 **E/289.2** **251.5 / 22.03** **FGL SPORTS LIMITED**
1017 Brodie Drive Unit# 101
Orillia ON L3V 6H4 **GEN**

Generator No: ON5289401
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Name: ALIPHATIC SOLVENTS

[59](#) 1 of 1 **WNW/300.1** **241.9 / 12.42** **lot 1 con 4**
ON **WWIS**

Well ID: 5702962	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st: Livestock	Data Entry Status:
Use 2nd: Domestic	Data Src: 1
Final Well Status: Water Supply	Date Received: 02/08/1960
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec:
Audit No:	Contractor: 3118
Tag:	Form Version: 1
Constructn Method:	Owner:
Elevation (m):	County: SIMCOE
Elevatn Reliabilty:	Lot: 001
Depth to Bedrock:	Concession: 04
Well Depth:	Concession Name: SD
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: ORILLIA TOWNSHIP	
Site Info:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5702962.pdf

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		09/30/1959			
Year Completed:		1959			
Depth (m):		22.2504			
Latitude:		44.6377439864148			
Longitude:		-79.4627177394307			
X:		-79.46271758510152			
Y:		44.63774398501843			
Path:		570\5702962.pdf			

Bore Hole Information

Bore Hole ID:	10380855	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	621922.60
Code OB Desc:		North83:	4943859.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	09/30/1959	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932266912
Layer:	1
Color:	
General Color:	
Material 1:	23
Material 1 Desc:	PREVIOUSLY DUG
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932266914
Layer:	3
Color:	
General Color:	
Material 1:	10
Material 1 Desc:	COARSE SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932266913			
Layer:		2			
Color:					
General Color:					
Material 1:		07			
Material 1 Desc:		QUICKSAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965702962			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10929425			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930629329			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		14.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930629330			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		73.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995702962			
Pump Set At:					
Static Level:		30.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Final Level After Pumping:</i>			65.0		
<i>Recommended Pump Depth:</i>			65.0		
<i>Pumping Rate:</i>			4.0		
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>			4.0		
<i>Levels UOM:</i>			ft		
<i>Rate UOM:</i>			GPM		
<i>Water State After Test Code:</i>			1		
<i>Water State After Test:</i>			CLEAR		
<i>Pumping Test Method:</i>			1		
<i>Pumping Duration HR:</i>			2		
<i>Pumping Duration MIN:</i>			0		
<i>Flowing:</i>			No		

Water Details

Water ID: 933862315
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 73.0
Water Found Depth UOM: ft

Unplottable Summary

Total: 79 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ORILLIA CITY	HWY11,CHAMPLAIN DRAINAGE BASIN	ORILLIA ON	
CA	BETHINA HOLDINGS LTD.-PT. LOT 2, CONC. V	ST. 'A'/COUNTY RD. NO. 18	ORILLIA TWP. ON	
CA	BETHINA HOLDINGS LTD.-PT. LOT 2, CONC. V	COUNTY RD.#18/STM-WATER DET.	ORILLIA TWP. ON	
CA	F.G. STEWART RECYCLING SYSTEMS INC.	200 BRODIE DR., R.R. #4	ORILLIA CITY ON	
CA	BAKER'S DOZEN DONUTS	HIGHWAY #11, TIMBERLINE	ORILLIA CITY ON	L3V 6H3
CA	G.H. STEWART CONSTRUCTION INC.	LOT 2, CONC. 6, 200 BRODIE DR.	SEVERN TWP. ON	
CA	RIOCAN HOLDINGS INC.	ORILLIA SQUARE MALL EXPAN.,SWM	SEVERN ON	
CA	SEVERN TOWNSHIP	WEST SHORE WATER/SEWAGE WORKS	SEVERN TWP. ON	
CA	SEVERN TOWNSHIP	WEST SHORE SEWAGE/WATER WORKS	SEVERN TWP. ON	
CA	G.H. STEWART CONSTRUCTION INC.	LOT 2/CON.6, 200 BRODIE DR.	SEVERN TWP. ON	
CA	Charter Construction Ltd.		Orillia ON	
CA	Charter Construction Limited		Orillia ON	
CA	Mark Rich Homes Limited	Part 1, Reference Plan 51R22854	Orillia ON	
CA	Charter Construction Limited		Orillia ON	
CA	Charter Construction Limited		Orillia ON	
CA	Mark Rich Homes Limited	Part 1, Reference Plan 51R22854	Orillia ON	
CA	Charter Construction Limited		Orillia ON	

DTNK	PROVINCIAL PROPANE INC NEW OWNER/OPERATOR	HWY 11 N	ORILLIA ON	
EBR	G.H. Stewart Construction Inc.	LOT 2/CON.6, 200 BRODIE DR., SEVERN TWP. TOWNSHIP OF SEVERN	ON	
ECA	Charter Construction Limited	Part Of, Southern Division	Orillia ON	L3V 6H2
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
FST	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO	HWY 11 SOUTH CARIBOU	ORILLIA ON	
GEN	R.H. STEWART CONSTRUCTION CO. LTD.	SHOP #3, CONC.6, BRODIE DR. R.R.#4	ORILLIA ON	L3V 6H4
GEN	R.H. STEWART CONSTRUCTION CO. LTD.	SHOP #3, CONC.6, BRODIE DR. R.R.#4 C/O 200 BRODIE DR.	ORILLIA ON	L3V 6H4
GEN	1144370 Ontario Ltd	300 BRODIE DRIVE, UNIT 1A	ORILLIA ON	L3V 6H4
GEN	ONTARIO CRANK SERVICE	300 BRODIE DRIVE, UNIT 1A	ORILLIA ON	L3V 6H4
GEN	W.D. COOKSON LTD	LOT 4, CONCESSION 3, WOODHOUSE	SIMCOE ON	N3Y 4K2
GEN	TRADITIONAL WOOD FLOOR CO., THE	300 BRODIE DRIVE	ORILLIA ON	L3V 6H4
GEN	BLACK PHOTO CORPORATION	HIGHWAY 11 AT BURNSIDE DRIVE ORILLIA SQUARE	ORILLIA ON	L3V 6H4
GEN	TRADITIONAL WOOD FLOOR CO., THE 37-771	300 BRODIE DR. RR #4	ORILLIA ON	L3V 6H4
GEN	TRADITIONAL WOOD FLOOR CO., THE	300 BRODIE DR.	ORILLIA ON	L3V 6H4

GEN	JAPAN CAMERA 22-504	N.W. CORNER OF HWY 11 & BRODY DR. ORILLIA SQ. MALL, ORILLIA TWP. RR #4	ORILLIA ON	L3V 6H4
GEN	STEWART G.H. CONSTRUCTION INC.	RR #3, HWY #11	ORILLIA ON	L3V 6H3
GEN	R.H. STEWART CONSTRUCTION CO. LTD.32- 138	SHOP #3, CONC.6, BRODIE DR. R.R.#4 C/O 200 BRODIE DR.	ORILLIA ON	L3V 6H4
GEN	R.H. STEWART CONSTRUCTION CO. LTD.	PLAN 171, PTLT. 12, BRODIE DR. R.R.#4, C/O R.R. #3,	ORILLIA, ON	L3V 6H3
GEN	ESSO PETROLEUM CANADA	HIGHWAY #11, CONC #10, HALF LOT #20 HAWKESTONE	SIMCOE ON	
GEN	TRANSCANADA PIPELINES LTD.	VARIOUS SITES WITHIN THE MOEE CENTRAL REGION	(SEE SCHEDULE "B") ON	
PES	K MART CANADA LIMITED #5480	ORILLIA SQYARE NEC HWY. #11 WEST ST. N	ORILLIA ON	L4M 1W5
PES	1357562 ONTARIO INC.	RR #3, HWY 11 N	ORILLIA ON	L3V6H3
PES	ZELLERS STORE #320	ORILLIA SQ. MALL, HWY. 11 @ W. ST.N	ORILLIA ON	L3V 6S2
PRT	SARJEANT CO	HWY 11	ORILLIA ON	
PRT	ARDTREA GAS	HWY 11 N	ORILLIA ON	
PRT	SUH'S GAS BAR CHANG SUH	HWY 11 N	ORILLIA ON	
PRT	DOMINION PROPANE CORP ATTN VIOLET CHAN	CON 1 AT HWY 11	ORILLIA ON	
PRT	OLCO PETROLEUM GROUP INC ATTN LORI WARE	HWY 11	ORILLIA ON	
PRT	CANADIAN TIRE CORP LTD PETROLEUM DIVISION - SUSAN	LOTS 2 & 3	SIMCOE ON	
PRT	PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRA	HWY 11 SOUTH CARIBOU MOTEL	ORILLIA ON	
PTTW	Ducks Unlimited	Lot 1, 2, Concession 3,4 TOWNSHIP OF SEVERN	ON	
PTTW	Mark Rich Homes Ltd	Lot 3, Concession 4, (formerly Township of Orillia) TOWNSHIP OF SEVERN	ON	
PTTW	Mark Rich Homes Ltd	Property of Hawk Ridge Golf and Country Club c/o Mark Rich Homes Ltd. Lot: 3, Concession: 4, Geographic Township of Orillia, Township of Severn, County of	Simcoe TOWNSHIP OF SEVERN ON	
PTTW	Mark Rich Homes Ltd	Lot: 3, Concession: 4	Orillia ON	

RST	ARDTREA GAS	HWY 11	ORILLIA ON
SPL	PETRO-CANADA	HWY #11 NORTH. SERVICE STATION	ORILLIA CITY ON
SPL	MALTAIS TRANSPORT	HWY #11, NORTH BOUND FROM NORTH OF ORILLIA TO WASHAGO AREA TANK TRUCK (CARGO)	SEVERN TOWNSHIP ON
SPL	TEXACO	HWY 11, 3 MILES SOUTH OF ORILLIA TEXACO (JULES BISSON, OWNER)) SERVICE STATION	SEVERN TOWNSHIP ON
WWIS		3699 UTOFF RD lot 3 con 4	ON
WWIS		lot 2 con 5	ON
WWIS		lot 4 con 4	ON
WWIS		lot 3 con 4	ON
WWIS		lot 3 con 4	ON
WWIS		lot 1 con 4	ON
WWIS		lot 2 con 3	ON
WWIS		lot 2 con 3	ON
WWIS		lot 2 con 5	ON
WWIS		lot 2 con 5	ON
WWIS		lot 3 con 3	ON
WWIS		lot 3 con 5	ON
WWIS		lot 3 con 4	ON
WWIS		lot 5 con 3	ON
WWIS		lot 3 con 4	ON
WWIS		lot 3 con 4	ON
WWIS		lot 2 con 3	ON
WWIS		lot 3 con 4	ON
WWIS		lot 2 con 5	ON

Unplottable Report

Site: ORILLIA CITY
HWY11,CHAMPLAIN DRAINAGE BASIN ORILLIA ON

Database:
CA

Certificate #: 3-0115-98-
Application Year: 98
Issue Date: 3/10/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BETHINA HOLDINGS LTD.-PT.LOT 2, CONC. V
ST. 'A'/COUNTY RD. NO. 18 ORILLIA TWP. ON

Database:
CA

Certificate #: 7-0280-92-
Application Year: 92
Issue Date: 8/27/1992
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BETHINA HOLDINGS LTD.-PT. LOT 2, CONC. V
COUNTY RD.#18/STM-WATER DET. ORILLIA TWP. ON

Database:
CA

Certificate #: 3-0319-92-
Application Year: 92
Issue Date: 12/21/1992
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: F.G. STEWART RECYCLING SYSTEMS INC.
200 BRODIE DR., R.R. #4 ORILLIA CITY ON

Database:
CA

Certificate #: 8-3225-91-

Application Year: 91
Issue Date: 2/27/1992
Approval Type: Industrial air
Status: Underwent 1st revision in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: PORT. DIESEL DRIVEN WOOD GRINDING EQUIP.
Contaminants: Suspended Particulate Matter, Nitrogen Oxides, Sulphur Dioxide
Emission Control: No Controls

Site: **BAKER'S DOZEN DONUTS**
HIGHWAY #11, TIMBERLINE ORILLIA CITY ON L3V 6H3

Database:
CA

Certificate #: 8-3095-91-
Application Year: 91
Issue Date: 5/21/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL KITCHEN EXHAUST FAN
Contaminants: Odour/Fumes
Emission Control: No Controls

Site: **G.H. STEWART CONSTRUCTION INC.**
LOT 2, CONC. 6, 200 BRODIE DR. SEVERN TWP. ON

Database:
CA

Certificate #: 8-3085-94-
Application Year: 94
Issue Date: 3/8/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WASTE OIL FURNACE MODEL GV-2000X
Contaminants: Benzo(A) Pyrene
Emission Control:

Site: **RIOCAN HOLDINGS INC.**
ORILLIA SQUARE MALL EXPAN.,SWM SEVERN ON

Database:
CA

Certificate #: 3-0134-98-
Application Year: 98
Issue Date: 3/13/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SEVERN TOWNSHIP
WEST SHORE WATER/SEWAGE WORKS SEVERN TWP. ON

Database:
CA

Certificate #: 7-0218-97-
Application Year: 97
Issue Date: 11/19/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SEVERN TOWNSHIP
WEST SHORE SEWAGE/WATER WORKS SEVERN TWP. ON

Database:
CA

Certificate #: 3-0298-97-
Application Year: 97
Issue Date: 11/19/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: G.H. STEWART CONSTRUCTION INC.
LOT 2/CON.6, 200 BRODIE DR. SEVERN TWP. ON

Database:
CA

Certificate #: 8-1154-97-
Application Year: 97
Issue Date: 9/18/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: WASTE OIL FURNACE RA(D)-235 (8-3085-94)
Contaminants: Suspended Particulate Matter
Emission Control: No Controls

Site: Charter Construction Ltd.
Orillia ON

Database:
CA

Certificate #: 2954-7FVPWK
Application Year: 2008
Issue Date: 6/24/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Charter Construction Limited
Orillia ON

Database:
CA

Certificate #: 5973-6F5R2A
Application Year: 2005
Issue Date: 8/22/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Mark Rich Homes Limited
Part 1, Reference Plan 51R22854 Orillia ON

Database:
CA

Certificate #: 6503-7USPTJ
Application Year: 2009
Issue Date: 9/22/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Charter Construction Limited
Orillia ON

Database:
CA

Certificate #: 6909-7JSKQY
Application Year: 2008
Issue Date: 9/30/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Charter Construction Limited
Orillia ON

Database:
CA

Certificate #: 8918-6EVLMD
Application Year: 2005

Issue Date: 9/6/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Mark Rich Homes Limited**
Part 1, Reference Plan 51R22854 Orillia ON

Database:
CA

Certificate #: 7874-7V8K5X
Application Year: 2009
Issue Date: 8/26/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Charter Construction Limited**
Orillia ON

Database:
CA

Certificate #: 8869-6EBJ97
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **PROVINCIAL PROPANE INC NEW OWNER/OPERATOR**
HWY 11 N ORILLIA ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No: 9636257
Status: EXPIRED
Instance ID: 387576
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:

ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Refill Cntr - Cylr Fill
Original Source: EXP
Record Date: Up to Mar 2012

Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: **G.H. Stewart Construction Inc.**
LOT 2/CON.6, 200 BRODIE DR., SEVERN TWP. TOWNSHIP OF SEVERN ON

Database:
EBR

EBR Registry No: IA7E1037
Ministry Ref No: 8115497 19970626
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 19, 1997
Proposal Date: July 15, 1997
Year: 1997
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: G.H. Stewart Construction Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 200 Brodie Drive, Orillia Ontario, L3V 6H4
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

LOT 2/CON.6, 200 BRODIE DR., SEVERN TWP. TOWNSHIP OF SEVERN

Site: **Charter Construction Limited**
Part Of, Southern Division Orillia ON L3V 6H2

Database:
ECA

Approval No: 6136-A7NRAN
Approval Date: 2016-03-04
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Charter Construction Limited
Address: Part Of, Southern Division
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7828-A7DM8A-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO**
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 10892327
Inventory Status: active
Installation Year: 1989
Capacity: 25000
Capacity Unit: L
Tank Type: Single Wall UST
Manufacturer:
Model:
Description: UNDERGROUND TANK

Tank Material: Steel
Corrosion Protect: Sacrificial Anode
Overfill Protection:
Inventory Context: FS Liquid Fuel
Inventory Item: FS Liquid Fuel Tank

Site: PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 9814373
Inventory Status: Active
Installation Year:
Capacity: 0
Capacity Unit: L
Tank Type:
Manufacturer:
Model:
Description:

Tank Material:
Corrosion Protect:
Overfill Protection:
Inventory Context: Liquid Fuels
Inventory Item: FS Gasoline Station - Full Serve

Site: PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 10892372
Inventory Status: active
Installation Year: 1989
Capacity: 25000
Capacity Unit: L
Tank Type: Single Wall UST
Manufacturer:
Model:
Description: UNDERGROUND TANK

Tank Material: Steel
Corrosion Protect: Sacrificial Anode
Overfill Protection:
Inventory Context: FS Liquid Fuel
Inventory Item: FS Liquid Fuel Tank

Site: PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 10892309
Inventory Status: active
Installation Year: 1989
Capacity: 25000
Capacity Unit: L
Tank Type: Single Wall UST
Manufacturer:
Model:
Description: UNDERGROUND TANK

Tank Material: Steel
Corrosion Protect: Sacrificial Anode
Overfill Protection:
Inventory Context: FS Liquid Fuel
Inventory Item: FS Liquid Fuel Tank

Site: PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 10892342
Inventory Status: active
Installation Year: 1989
Capacity: 25000
Capacity Unit: L
Tank Type: Single Wall UST
Manufacturer:
Model:
Description: UNDERGROUND TANK

Tank Material: Steel
Corrosion Protect: Sacrificial Anode
Overfill Protection:
Inventory Context: FS Liquid Fuel
Inventory Item: FS Liquid Fuel Tank

Site: PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRAND - D. DAL BELLO
HWY 11 SOUTH CARIBOU ORILLIA ON

Database:
FST

Inventory No: 10892357
Inventory Status: active
Installation Year: 1989
Capacity: 25000
Capacity Unit: L
Tank Type: Single Wall UST
Manufacturer:
Model:
Description: UNDERGROUND TANK

Tank Material: Steel
Corrosion Protect: Sacrificial Anode
Overfill Protection:
Inventory Context: FS Liquid Fuel
Inventory Item: FS Liquid Fuel Tank

Site: R.H. STEWART CONSTRUCTION CO. LTD.
SHOP #3, CONC.6, BRODIE DR. R.R.#4 ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON0682602
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS
Approval Years: 92,93,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: R.H. STEWART CONSTRUCTION CO. LTD.
SHOP #3, CONC.6, BRODIE DR. R.R.#4 C/O 200 BRODIE DR. ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON0682602
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS
Approval Years: 90
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: 1144370 Ontario Ltd
300 BRODIE DRIVE, UNIT 1A ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON2615700
SIC Code:
SIC Description:
Approval Years: 02,03,04,05
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Site: ONTARIO CRANK SERVICE
300 BRODIE DRIVE, UNIT 1A ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON2615700
SIC Code: 3251
SIC Description: VEHICLE ENGINE IND.
Approval Years: 00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 253
Waste Class Name: EMULSIFIED OILS

Site: W.D. COOKSON LTD
LOT 4, CONCESSION 3, WOODHOUSE SIMCOE ON N3Y 4K2

Database:
GEN

Generator No: ON1578700
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS
Approval Years: 99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: TRADITIONAL WOOD FLOOR CO., THE
300 BRODIE DRIVE ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON1413600
SIC Code: 4277
SIC Description: HARDWOOD FLOOR WORK
Approval Years: 99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Site: BLACK PHOTO CORPORATION
HIGHWAY 11 AT BURNSIDE DRIVE ORILLIA SQUARE ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON1338159
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY
Approval Years: 97,98,99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Site: TRADITIONAL WOOD FLOOR CO., THE 37-771
300 BRODIE DR. RR #4 ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON1413600

SIC Code: 4277
SIC Description: HARDWOOD FLOOR WORK
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Site: TRADITIONAL WOOD FLOOR CO., THE
300 BRODIE DR. ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON1413600
SIC Code: 4277
SIC Description: HARDWOOD FLOOR WORK
Approval Years: 92,93,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Site: JAPAN CAMERA 22-504
N.W. CORNER OF HWY 11 & BRODY DR. ORILLIA SQ. MALL, ORILLIA TWP. RR #4 ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON0889817
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Name: PHOTOPROCESSING WASTES

Site: STEWART G.H. CONSTRUCTION INC.
RR #3, HWY #11 ORILLIA ON L3V 6H3

Database:
GEN

Generator No: ON0764100
SIC Code: 0000

SIC Description: *** NOT DEFINED ***
Approval Years: 86,87,88,89,90,92,93,94
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Site: **R.H. STEWART CONSTRUCTION CO. LTD.32-138**
SHOP #3, CONC.6, BRODIE DR. R.R.#4 C/O 200 BRODIE DR. ORILLIA ON L3V 6H4

Database:
GEN

Generator No: ON0682602
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Site: **R.H. STEWART CONSTRUCTION CO. LTD.**
PLAN 171, PTLT. 12, BRODIE DR. R.R.#4, C/O R.R. #3, ORILLIA, ON L3V 6H3

Database:
GEN

Generator No: ON0682602
SIC Code: 0000
SIC Description: *** NOT DEFINED ***
Approval Years: 86,87,88,89
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: **ESSO PETROLEUM CANADA**
HIGHWAY #11, CONC #10, HALF LOT #20 HAWKESTONE SIMCOE ON

Database:
GEN

Generator No: ON0000797
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: TRANSCANADA PIPELINES LTD.
VARIOUS SITES WITHIN THE MOEE CENTRAL REGION (SEE SCHEDULE "B") ON

Database:
GEN

Generator No: ONR000203
SIC Code: 486210
SIC Description: Pipeline Transportation of Natural Gas
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 268
Waste Class Name: AMINES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 243
Waste Class Name: PCBS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 134
Waste Class Name: SULPHIDE-CONTAINING WASTES

Waste Class: 222
Waste Class Name: HEAVY FUELS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 123
Waste Class Name: ALKALINE PHOSPHATES

Waste Class: 262
Waste Class Name: DETERGENTS/SOAPS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 114
Waste Class Name: OTHER INORGANIC ACID WASTES

Waste Class: 232
Waste Class Name: POLYMERIC RESINS

Waste Class: 267
Waste Class Name: ORGANIC ACIDS

Waste Class: 269
Waste Class Name: NON-HALOGENATED PESTICIDES

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Site: K MART CANADA LIMITED #5480
 ORILLIA SQYARE NEC HWY. #11 WEST ST. N ORILLIA ON L4M 1W5

Database:
[PES](#)

Detail Licence No:		Operator Box:
Licence No:		Operator Class:
Status:		Operator No:
Approval Date:		Operator Type:
Report Source:		Oper Area Code:
Licence Type:	Vendor	Oper Phone No:
Licence Type Code:		Operator Ext:
Licence Class:		Operator Lot:
Licence Control:		Oper Concession:
Latitude:		Operator Region:
Longitude:		Operator District:
Lot:		Operator County:
Concession:		Op Municipality:
Region:		Post Office Box:
District:		MOE District:
County:		SWP Area Name:
Trade Name:		
PDF URL:		

Site: 1357562 ONTARIO INC.
 RR #3, HWY 11 N ORILLIA ON L3V6H3

Database:
[PES](#)

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: ZELLERS STORE #320
ORILLIA SQ. MALL, HWY. 11 @ W. ST.N ORILLIA ON L3V 6S2

Database:
[PES](#)

Detail Licence No: 23-01-11455-0
Licence No: 11455
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 1
Operator District: 1
Operator County: 57
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: SARJEANT CO
HWY 11 ORILLIA ON

Database:
[PRT](#)

Location ID: 10571
Type: retail
Expiry Date: 1995-10-31
Capacity (L): 368230
Licence #: 0010142001

Site: ARDTREA GAS
HWY 11 N ORILLIA ON

Database:
[PRT](#)

Location ID: 10598
Type: retail
Expiry Date: 1995-05-31
Capacity (L): 54552
Licence #: 0076362987

Site: SUH'S GAS BAR CHANG SUH
HWY 11 N ORILLIA ON

Database:
[PRT](#)

Location ID: 10598
Type: retail
Expiry Date: 1992-01-31
Capacity (L): 246370
Licence #: 0056591001

Site: **DOMINION PROPANE CORP ATTN VIOLET CHAN
CON 1 AT HWY 11 ORILLIA ON**

Database:
PRT

Location ID: 10573
Type: retail
Expiry Date: 1995-10-31
Capacity (L): 2000
Licence #: 0033507001

Site: **OLCO PETROLEUM GROUP INC ATTN LORI WARE
HWY 11 ORILLIA ON**

Database:
PRT

Location ID: 10572
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 136200
Licence #: 0030020013

Site: **CANADIAN TIRE CORP LTD PETROLEUM DIVISION - SUSAN
LOTS 2 & 3 SIMCOE ON**

Database:
PRT

Location ID: 13420
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 0
Licence #: 0012228076

Site: **PIONEER CANGO MANAGEMENT INC C/O COOPERS AND LYBRA
HWY 11 SOUTH CARIBOU MOTEL ORILLIA ON**

Database:
PRT

Location ID: 10574
Type: retail
Expiry Date: 1994-02-28
Capacity (L): 125000
Licence #: 0076357060

Site: **Ducks Unlimited
Lot 1, 2, Concession 3,4 TOWNSHIP OF SEVERN ON**

Database:
PTTW

EBR Registry No: IA7E0145
Ministry Ref No: 96P1061
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 06, 1998
Proposal Date: February 11, 1997
Year: 1997
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ducks Unlimited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Barrie Division, 566 Welham Road, Barrie Ontario, L4M 6E7
Comment Period:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

URL:

Site Location Details:

Lot 1, 2, Concession 3,4 TOWNSHIP OF SEVERN

Site: *Mark Rich Homes Ltd*
Lot 3, Concession 4, (formerly Township of Orillia) TOWNSHIP OF SEVERN ON

Database:
PTTW

EBR Registry No:	IA00E0769	Decision Posted:	
Ministry Ref No:	90P0002	Exception Posted:	
Notice Type:	Instrument Final Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	December 04, 2001	Act 2:	
Proposal Date:	May 02, 2000	Site Location Map:	
Year:	2000		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Mark Rich Homes Ltd		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:			
Comment Period:			
URL:			

Site Location Details:

Lot 3, Concession 4, (formerly Township of Orillia) TOWNSHIP OF SEVERN

Site: *Mark Rich Homes Ltd*
Property of Hawk Ridge Golf and Country Club c/o Mark Rich Homes Ltd. Lot: 3, Concession: 4, Geographic Township of Orillia, Township of Severn, County of Simcoe TOWNSHIP OF SEVERN ON

Database:
PTTW

EBR Registry No:	012-3264	Decision Posted:	
Ministry Ref No:	8563-9RFJNR	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	March 20, 2015	Act 2:	
Proposal Date:	December 22, 2014	Site Location Map:	
Year:	2014		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Mark Rich Homes Ltd		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	c/o Hawk Ridge Golf & Country Club, 1151 Hurlwood Lane, R.R. #4, Orillia Ontario, L3V 6H4		
Comment Period:			
URL:			

Site Location Details:

Property of Hawk Ridge Golf and Country Club c/o Mark Rich Homes Ltd. Lot: 3, Concession: 4, Geographic Township of Orillia, Township of Severn, County of Simcoe TOWNSHIP OF SEVERN

Site: *Mark Rich Homes Ltd*
Lot: 3, Concession: 4 Orillia ON

Database:
PTTW

EBR Registry No: 012-3264
Ministry Ref No: 8563-9RFJNR
Notice Type: Instrument Proposal
Notice Stage:
Notice Date:
Proposal Date: December 22, 2014
Year: 2014
Instrument Type: (OWRA s. 34) - Permit to take water
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: c/o Hawk Ridge Golf & Country Club, 1151 Hurlwood Lane, R.R. #4, Orillia Ontario, L3V 6H4
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Property of Hawk Ridge Golf and Country Club c/o Mark Rich Homes Ltd. Lot: 3, Concession: 4, Geographic Township of Orillia, Township of Severn, County of Simcoe TOWNSHIP OF SEVERN

Site: ARDTREA GAS
HWY 11 ORILLIA ON

Database:
RST

Headcode: 1186800
Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas
Phone: 7053292527
List Name:
Description:

Site: PETRO-CANADA
HWY #11 NORTH. SERVICE STATION ORILLIA CITY ON

Database:
SPL

Ref No: 103163
Year:
Incident Dt: //
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/25/1994
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: ORILLIA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNKNOWN
Incident Preceding Spill:
Environment Impact: CONFIRMED
Health Env Consequence:
Nature of Impact: Multi Media Pollution
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:

Municipality No: 70102
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND / WATER
Incident Reason: UNKNOWN
Incident Summary: KANG PETROLEUM(PETRO-CA- NADA)- GASOLINE LEAK IN CLAY BED AT SERVICE STN.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name:

Site: MALTAIS TRANSPORT **Database:**
SPL
 HWY #11, NORTH BOUND FROM NORTH OF ORILLIA TO WASHAGO AREA TANK TRUCK (CARGO) SEVERN
 TOWNSHIP ON

Ref No:	53988	Municipality No:	70623
Year:		Nature of Damage:	
Incident Dt:	7/12/1991	Discharger Report:	
Dt MOE Arvl on Scrn:		Material Group:	
MOE Reported Dt:	7/12/1991	Impact to Health:	
Dt Document Closed:		Agency Involved:	OPP, FD, MOE, ONT.HYDRO, MTO
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SEVERN TOWNSHIP		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CONTAINER LEAK		
Incident Preceding Spill:			
Environment Impact:	POSSIBLE		
Health Env Consequence:			
Nature of Impact:	Soil contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Incident Reason:	OTHER		
Incident Summary:	MALTAIS TRANSPORT- >50PPMPCB TO HWY.11 FROM TRANS-FORMER RESERVOIR.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			

Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name:

Site: TEXACO
HWY 11, 3 MILES SOUTH OF ORILLIA TEXACO (JULES BISSON, OWNER)) SERVICE STATION SEVERN
TOWNSHIP ON

Database:
SPL

Ref No: 11814
Year:
Incident Dt: 1/25/1988
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/25/1988
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: SEVERN TOWNSHIP
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Preceding Spill:
Environment Impact: NOT ANTICIPATED
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: EQUIPMENT FAILURE
Incident Summary: TEXACO STATION - 100 L GASOLINE TO GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name:

Municipality No: 70623
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved: F.D., MCCR FUEL SAFETY

Site: 3699 UTOFF RD lot 3 con 4 ON

Database:
WWIS

Well ID: 5739242
Construction Date:
Flowing (Y/N):
Flow Rate:

Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z11414
Tag: A009166
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Data Entry Status:
Data Src: 1
Date Received: 11/29/2004
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2576
Form Version: 3
Owner:
County: SIMCOE
Lot: 003
Concession: 04
Concession Name: ND
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11178486
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/12/2004
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932986616
Layer: 1
Color: 8
General Color: BLACK
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932986622
Layer: 7
Color: 4
General Color: GREEN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 15
Material 2 Desc: LIMESTONE

Material 3: 74
Material 3 Desc: LAYERED
Formation Top Depth: 112.0
Formation End Depth: 118.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932986617
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932986620
Layer: 5
Color: 3
General Color: BLUE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 17
Material 2 Desc: SHALE
Material 3: 74
Material 3 Desc: LAYERED
Formation Top Depth: 65.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932986618
Layer: 3
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932986619
Layer: 4
Color: 6
General Color: BROWN
Material 1: 15

Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932986621
Layer: 6
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 75.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933261000
Layer: 1
Plug From: 0.0
Plug To: 63.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965739242
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11187005
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930851291
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 63.0
Depth To: 118.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930851290
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 2.0
Depth To: 63.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11193842
Pump Set At: 100.0
Static Level: 19.0
Final Level After Pumping:
Recommended Pump Depth: 80.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11290886
Test Type: Draw Down
Test Duration: 10
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290889
Test Type: Recovery
Test Duration: 25
Test Level: 39.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290893
Test Type: Draw Down
Test Duration: 60
Test Level: 71.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290892
Test Type: Draw Down
Test Duration: 50
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290888
Test Type: Draw Down
Test Duration: 20
Test Level: 39.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290891
Test Type: Recovery
Test Duration: 40
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290894
Test Type: Recovery
Test Duration: 60
Test Level: 26.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290883
Test Type: Recovery
Test Duration: 2
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290884
Test Type: Draw Down
Test Duration: 4
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290887
Test Type: Recovery
Test Duration: 10
Test Level: 46.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290882
Test Type: Draw Down
Test Duration: 2
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290890
Test Type: Draw Down
Test Duration: 30
Test Level: 46.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11290885
Test Type: Recovery
Test Duration: 4
Test Level: 58.0
Test Level UOM: ft

Water Details

Water ID: 934056167
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85.0
Water Found Depth UOM: ft

Water Details

Water ID: 934056168
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 111.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 11312675
Diameter: 6.0
Depth From: 0.0
Depth To: 118.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site: lot 2 con 5 ON

Database:
WWIS

Well ID: 5730945
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 133614
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/29/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2514
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 05
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10408501
DP2BR:
Spatial Status:
Code OB:
Elevation:
Elevrc:
Zone: 17
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/22/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932391542
Layer: 3
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 30.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391541
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391540
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932391543
Layer: 4
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933193539
Layer: 1
Plug From: 0.0
Plug To: 30.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965730945
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10957071
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930662869
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 88.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933377709
Layer: 1
Slot: 012
Screen Top Depth: 88.0
Screen End Depth: 91.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 69.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995730945
Pump Set At:
Static Level: 37.0
Final Level After Pumping: 85.0
Recommended Pump Depth: 85.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934578007
Test Type: Recovery
Test Duration: 30
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934835221
Test Type: Recovery
Test Duration: 45
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935102106
Test Type: Recovery
Test Duration: 60
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934311454
Test Type: Recovery
Test Duration: 15
Test Level: 38.0
Test Level UOM: ft

Water Details

Water ID: 933891012
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

Site: lot 4 con 4 ON

Database:
WWIS

Well ID: 5730949
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 141678
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/20/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1851
Form Version: 1
Owner:
County: SIMCOE
Lot: 004
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10408505
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/17/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932391571
Layer: 6
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 76.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391567
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY

Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391566
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391570
Layer: 5
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 63.0
Formation End Depth: 71.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391568
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 29.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932391569
Layer: 4
Color: 2

General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 60
Material 3 Desc: CEMENTED
Formation Top Depth: 40.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933193541
Layer: 1
Plug From: 0.0
Plug To: 71.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965730949
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10957075
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930662873
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933377712
Layer: 1
Slot: 012
Screen Top Depth: 71.0
Screen End Depth: 76.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995730949
Pump Set At:

Static Level:
Final Level After Pumping: 67.0
Recommended Pump Depth: 73.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 48
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935102109
Test Type: Recovery
Test Duration: 60
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934835224
Test Type: Recovery
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934578010
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934311457
Test Type: Recovery
Test Duration: 15
Test Level: 36.0
Test Level UOM: ft

Water Details

Water ID: 933891016
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Site:
lot 3 con 4 ON

Database:
WWIS

Well ID: 5730640
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/26/1994

Water Type:
Casing Material:
Audit No: 141680
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Selected Flag: TRUE
Abandonment Rec:
Contractor: 1851
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10408196
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/13/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932389947
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932389946
Layer: 1
Color: 8
General Color: BLACK
Material 1: 03
Material 1 Desc: MUCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 5.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932389948
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 21.0
Formation End Depth: 44.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933193271
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965730640
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10956766
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930662509
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933377535
Layer: 1
Slot: 025
Screen Top Depth: 40.0
Screen End Depth: 44.0
Screen Material:

Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995730640
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 12.0
Recommended Pump Depth: 40.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935101015
Test Type: Draw Down
Test Duration: 60
Test Level: 11.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934310356
Test Type: Draw Down
Test Duration: 15
Test Level: 9.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934586099
Test Type: Draw Down
Test Duration: 30
Test Level: 11.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934834127
Test Type: Draw Down
Test Duration: 45
Test Level: 11.0
Test Level UOM: ft

Water Details

Water ID: 933890685
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

Site:
lot 3 con 4 ON

Database:
WWIS

Well ID: 5730639
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No: 141655
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/26/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1851
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10408195
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/08/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932389943
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 25.0
Formation End Depth: 86.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932389944
Layer: 3

Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 86.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932389942
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932389945
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933193270
Layer: 1
Plug From: 0.0
Plug To: 110.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965730639
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10956765
Casing No: 1
Comment:
Alt Name:

Site:
lot 1 con 4 ON

Database:
WWIS

Well ID:	5730638	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	04/26/1994
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	141653	Contractor:	1851
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	001
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10408194	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03/25/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932389940
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	21.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID: 932389941
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 83.0
Formation End Depth: 86.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932389938
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932389939
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933193269
Layer: 1
Plug From: 0.0
Plug To: 82.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965730638
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10956764
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930662508
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 82.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933377534
Layer: 1
Slot: 025
Screen Top Depth: 82.0
Screen End Depth: 86.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995730638
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 36.0
Recommended Pump Depth: 50.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 72
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934310355
Test Type: Recovery
Test Duration: 15
Test Level: 11.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934586098

Test Type: Recovery
Test Duration: 30
Test Level: 7.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934834126
Test Type: Recovery
Test Duration: 45
Test Level: 4.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935101014
Test Type: Recovery
Test Duration: 60
Test Level: 0.0
Test Level UOM: ft

Water Details

Water ID: 933890684
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 83.0
Water Found Depth UOM: ft

Site: lot 2 con 3 ON

Database:
WWIS

Well ID: 5729416
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 109708
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/27/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1312
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10406990
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/25/1992
Remarks:

Elevation:
Elevrc: 17
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 932383766
Layer: 2
Color: 7
General Color: RED
Material 1: 21
Material 1 Desc: GRANITE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932383765
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965729416
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10955560
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930661042
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0

Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930661043
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 84.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995729416
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934306420
Test Type:
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934839009
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935097120
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934581765
Test Type:

Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Site:
lot 2 con 3 ON

Database:
WWIS

Well ID: 5729164
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 110789
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/25/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5224
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10406738
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/15/1992
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932382472
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932382474
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 136.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932382471
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932382473
Layer: 3
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965729164
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10955308
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930660727
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 136.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930660726
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995729164
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 136.0
Recommended Pump Depth: 130.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934581132
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934314138
Test Type:
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934838377
Test Type:
Test Duration: 45
Test Level: 36.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935096493
Test Type:
Test Duration: 60
Test Level: 36.0
Test Level UOM: ft

Water Details

Water ID: 933889221
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 136.0
Water Found Depth UOM: ft

Site: lot 2 con 5 ON

Database:
WWIS

Well ID: 5725443
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 66324
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/22/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1413
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 05
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10403039
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/07/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932364772
Layer: 3
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 92.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932364770
Layer: 1
Color: 6
General Color: BROWN
Material 1: 08
Material 1 Desc: FINE SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932364771
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 30.0
Formation End Depth: 92.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965725443
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10951609
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930656200
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 92.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995725443
Pump Set At:
Static Level: 50.0
Final Level After Pumping:
Recommended Pump Depth: 91.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933885318
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Site: lot 2 con 5 ON

Database:
WWIS

Well ID: 5724747
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 43279
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/07/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1413
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 05
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10402345 Elevation:

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/31/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932361468
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 21.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361472
Layer: 7
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3: 84
Material 3 Desc: SILTY
Formation Top Depth: 97.0
Formation End Depth: 108.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361473
Layer: 8
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3: 74
Material 3 Desc: LAYERED
Formation Top Depth: 108.0
Formation End Depth: 118.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361467
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 5.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361469
Layer: 4
Color: 6
General Color: BROWN
Material 1: 08
Material 1 Desc: FINE SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361470
Layer: 5
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 64.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932361471
Layer: 6
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 62
Material 3 Desc: CLEAN

Formation Top Depth: 85.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932361474
Layer: 9
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 118.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932361466
Layer: 1
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933189590
Layer: 1
Plug From: 82.0
Plug To: 86.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965724747
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10950915
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930655322
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930655321
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933374254
Layer: 1
Slot: 020
Screen Top Depth: 20.0
Screen End Depth: 36.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995724747
Pump Set At:
Static Level: 65.0
Final Level After Pumping:
Recommended Pump Depth: 85.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 15
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933884583
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 86.0
Water Found Depth UOM: ft

Site: lot 3 con 3 ON

Database:
WWIS

Well ID: 5724303
Construction Date:
Use 1st: Domestic
Use 2nd: Commerical
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 36356
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/08/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5218
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10401902
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/28/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932359382
Layer: 3
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932359383
Layer: 4
Color: 6
General Color: BROWN
Material 1: 28

Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932359381
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932359380
Layer: 1
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965724303
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10950472
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930654779
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To: 65.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995724303
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 68.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934832227
Test Type: Recovery
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934308903
Test Type: Recovery
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935100146
Test Type: Recovery
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934583625
Test Type: Recovery
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933884145
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0

Water Found Depth UOM: ft

Site:
lot 3 con 5 ON

Database:
WWIS

Well ID: 5723647
Construction Date:
Use 1st: Public
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/30/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2653
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 05
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10401257
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/22/1988
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932356384
Layer: 2
Color:
General Color:
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932356383

Layer: 1
Color:
General Color:
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932356385
Layer: 3
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 115.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965723647
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10949827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930653947
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 115.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995723647
Pump Set At:
Static Level: 65.0
Final Level After Pumping:
Recommended Pump Depth: 114.0

Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934582505
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933883471
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 115.0
Water Found Depth UOM: ft

Site:
 lot 3 con 4 ON

Database:
 WWIS

<p> Well ID: 5722150 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 12318 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: ORILLIA TOWNSHIP Site Info: </p>	<p> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 09/10/1987 Selected Flag: TRUE Abandonment Rec: Contractor: 5218 Form Version: 1 Owner: County: SIMCOE Lot: 003 Concession: 04 Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </p>
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Bore Hole Information

<p> Bore Hole ID: 10399772 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 08/24/1987 Remarks: Location Method Desc: Not Applicable i.e. no UTM Elevrc Desc: </p>	<p> Elevation: Elevrc: Zone: 17 East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: na </p>
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Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 932349523
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932349524
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 15.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932349525
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 35.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932349528
Layer: 6
Color: 2
General Color: GREY
Material 1: 05

Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 84.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932349527
Layer: 5
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 80.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932349526
Layer: 4
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965722150
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10948342
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930652065
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To: 80.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933372908
Layer: 1
Slot: 016
Screen Top Depth: 80.0
Screen End Depth: 84.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995722150
Pump Set At:
Static Level: 42.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935093657
Test Type: Recovery
Test Duration: 60
Test Level: 42.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934835924
Test Type: Recovery
Test Duration: 45
Test Level: 42.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934311540
Test Type: Recovery
Test Duration: 15
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934577355

Test Type: Recovery
Test Duration: 30
Test Level: 44.0
Test Level UOM: ft

Water Details

Water ID: 933881959
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site: lot 5 con 3 ON

Database:
WWIS

Well ID: 5721529
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03/02/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2653
Form Version: 1
Owner:
County: SIMCOE
Lot: 005
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10399153
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/16/1986
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc: 17
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932346759
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY

Material 2: 14
Material 2 Desc: HARDPAN
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932346760
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965721529
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10947723
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930651216
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930651217
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995721529
Pump Set At:
Static Level: 60.0
Final Level After Pumping:
Recommended Pump Depth: 60.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934575215
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933881309
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

Site: **lot 3 con 4 ON** **Database:**
WWIS

Well ID:	5721087	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	10/16/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	5218
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliabilty:		Lot:	003
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	ORILLIA TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10398713	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/08/1986
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 932344875
Layer: 5
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932344871
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932344872
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 1.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344873
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 18.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344876
Layer: 6
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 83.0
Formation End Depth: 87.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344874
Layer: 4
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 47.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965721087
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10947283
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930650638
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933372369
Layer: 1
Slot: 016
Screen Top Depth: 83.0
Screen End Depth: 87.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995721087
Pump Set At:
Static Level: 43.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 75.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934308763
Test Type: Recovery
Test Duration: 15
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934824015
Test Type: Recovery
Test Duration: 45
Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935090337

Test Type: Recovery
Test Duration: 60
Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934574026
Test Type: Recovery
Test Duration: 30
Test Level: 43.0
Test Level UOM: ft

Water Details

Water ID: 933880848
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 87.0
Water Found Depth UOM: ft

Site:
lot 3 con 4 ON

Database:
WWIS

Well ID: 5720952
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/05/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5218
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10398578
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/12/1986
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932344466
Layer: 7
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 143.0
Formation End Depth: 162.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344460
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344463
Layer: 4
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932344461
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 2.0
Formation End Depth: 16.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932344465
Layer: 6
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 143.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932344464
Layer: 5
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 65.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932344462
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 16.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965720952
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10947148
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930650448
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 162.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930650447
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 95.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995720952
Pump Set At:
Static Level: 80.0
Final Level After Pumping: 162.0
Recommended Pump Depth: 158.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934573530
Test Type: Recovery
Test Duration: 30
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934307707
Test Type: Recovery
Test Duration: 15
Test Level: 135.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934823939
Test Type: Recovery
Test Duration: 45
Test Level: 90.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935090258
Test Type: Recovery
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933880745
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 105.0
Water Found Depth UOM: ft

Water Details

Water ID: 933880746
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 158.0
Water Found Depth UOM: ft

Site: lot 2 con 3 ON

Database:
WWIS

Well ID: 5719626
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/21/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2653
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10397258
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 06/27/1984
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932338629
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 113.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932338628
Layer: 1
Color:
General Color:
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965719626
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10945828
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930648711
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 113.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930648710
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995719626
Pump Set At:
Static Level: 70.0
Final Level After Pumping:
Recommended Pump Depth: 112.0
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933879388
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 113.0
Water Found Depth UOM: ft

Site: lot 3 con 4 ON

Database:
WWIS

Well ID: 5718288
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/14/1983
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1364
Form Version: 1
Owner:
County: SIMCOE
Lot: 003
Concession: 04
Concession Name:
Easting NAD83:

Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10395975
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/01/1981
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 932332904
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 14
Material 3 Desc: HARDPAN
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932332905
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 965718288
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10944545
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930647060
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933371078
Layer: 1
Slot: 012
Screen Top Depth: 47.0
Screen End Depth: 85.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995718288
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 50.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934825479
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934300542

Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935090751
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934574981
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933878116
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.0
Water Found Depth UOM: ft

Site: lot 2 con 5 ON

Database:
WWIS

Well ID: 5731660
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 158248
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 07/24/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2653
Form Version: 1
Owner:
County: SIMCOE
Lot: 002
Concession: 05
Concession Name: ND
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009054393
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/07/1995
Remarks:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Site: lot 5 con 4 ON

Database:
WWIS

Well ID: 5726890
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 86842
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ORILLIA TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 07/25/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2653
Form Version: 1
Owner:
County: SIMCOE
Lot: 005
Concession: 04
Concession Name: SD
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009054318
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/03/1990
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -May 2024

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jun 2024

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - July 31, 2024

Drill Hole Database:Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023**Delisted Fuel Tanks:**Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023**Environmental Activity and Sector Registry:**Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Jul 31, 2024**Environmental Registry:**Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - July 31, 2024**Environmental Compliance Approval:**Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Jul 31, 2024**Environmental Effects Monitoring:**Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007***ERIS Historical Searches:**Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Mar 31, 2024**Environmental Issues Inventory System:**Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Jun 2024

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2022

TSSA Historic Incidents:

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

Federal

[NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2024

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - July 31, 2024

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Jul 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR:

Provincial

PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks:

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - July 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial **REC**

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial **RSC**

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2024

Retail Fuel Storage Tanks:

Private **RST**

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private **SCT**

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial **SPL**

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2024; May 2024

Wastewater Discharger Registration Database:

Provincial **SRDS**

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private **TANK**

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal **TCFT**

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Jul 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



CITY
DIRECTORY

Project Property: *Hawk Ridge Phase One ESA
1151 Hurlwood Lane
Severn, ON L3V 0Y6*

Project No: *1935-6133-3*

Requested By: *C.F. Crozier & Associates Inc.*

Order No: *24090600513*

Date Completed: *September 10, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

September 10, 2024
RE: CITY DIRECTORY RESEARCH
1151 Hurlwood Lane
Severn, ON L3V 0Y6

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

4170-4440 of Burnside Line
All of Hawk Ridge Crescent
All of Hurlwood Lane
4030-4570 of Uthoff Line

Search Notes:

Severn is listed until 1998.

Search Results Summary

Data from 2012 to 2017 does not include residential information

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2000	POLKS	
1999	POLKS	
1998	POLKS	

Environmental Risk Information Services

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4273 T PITMAN...RESIDENTIAL
 4273 TIMBER RIDGE LOG HOMES...LOG CABINS HOMES & BUILDINGS (MFRS)
 4301 A SNIDER...RESIDENTIAL
 4337 CREWE SHAWN G MEDICINE CORP...PHYSICIANS & SURGEONS
 4337 CREWE SHAWN MD...PHYSICIANS & SURGEONS
 4337 DESJARDINS...INSURANCE-HEALTH & ACCIDENT
 4337 DESJARDINS...INSURANCE
 4337 EDMONDS STEVE AGT...MUTUAL FUNDS
 4337 EDMONDS STEVE AGT...INSURANCE
 4337 HAIR STOP...BEAUTY SALONS
 4337 J C ROCK LTD...STONE-NATURAL
 4337 M BRENNER...RESIDENTIAL
 4337 PERSONAL TOUCH HAIRSTYLING...BEAUTY SALONS
 4337 PERSONAL TOUCH HAIRSTYLING...BARBERS
 4337 RAY GEORGE M MD...PHYSICIANS & SURGEONS
 4337 SEKI JOHN T MD...PHYSICIANS & SURGEONS
 4337 SEKI JOHN T MD...COSMETIC PLASTIC/RECONSTRUCTIVE SURGERY
 4337 VON ADULT DAY SVC...SENIOR CITIZENS SERVICE
 4337 YOUNG DRIVERS OF CANADA...SCHOOLS-INDUSTRIAL TECHNICAL & TRADE
 4337 YOUNG DRIVERS OF CANADA...DRIVING INSTRUCTION
 4351 PINE GROVE VETERINARY HOSPITAL...ANIMAL HEALTH PRODUCTS
 (WHOLESALE)
 4351 PINE GROVE VETERINARY HOSPITAL...VETERINARIANS
 4363 D LEDUC...RESIDENTIAL
 4369 D CANNING...RESIDENTIAL

1160 W CANNING...RESIDENTIAL
 1184 B COSFORD...RESIDENTIAL
 1211 VALERIE GEE...RESIDENTIAL
 1212 J MUNDELL...RESIDENTIAL
 1240 D BROMMET...RESIDENTIAL
 1255 W PERRY...RESIDENTIAL
 1263 R TURNBULL...RESIDENTIAL
 1273 K SECORD...RESIDENTIAL
 1293 TREVOR LESTER...RESIDENTIAL
 1294 B JOHNSTON...RESIDENTIAL
 1325 B CHATZIKYRIAKOS...RESIDENTIAL
 1325 M CHATZIKYRIAKOS...RESIDENTIAL
 1326 L REEKIE...RESIDENTIAL
 1336 N PICHLER...RESIDENTIAL
 1337 IRVIN WALLACE...RESIDENTIAL
 1347 YZENDOORN VAN...RESIDENTIAL
 1360 K KATARYNYCH...RESIDENTIAL

1024 GOVERNMENTS-GOUVERNEMENTS...MUNICIPALITIES
1071 D BOS...RESIDENTIAL
1083 R CARPENTER...RESIDENTIAL
1084 S SIMON...RESIDENTIAL
1110 R TULIPANO...RESIDENTIAL
1151 HAWK RIDGE GOLF COUNTRY CLUB...GOLF PRACTICE RANGES
1151 HAWK RIDGE GOLF COUNTRY CLUB...GOLF COURSES-PUBLIC

4037 L HARRINGTON...RESIDENTIAL
4126 J BURGESS...RESIDENTIAL
4129 A KLAGES...RESIDENTIAL
4149 S BLAIS...RESIDENTIAL
4163 A SAPUTO...RESIDENTIAL
4214 R MOONILAIL...RESIDENTIAL
4230 P COLE...RESIDENTIAL
4306 BEN COLE...RESIDENTIAL
4471 FRED JONES...RESIDENTIAL

4273 T K PITMAN...RESIDENTIAL
 4273 TIMBER RIDGE LOG HOMES...LOG CABINS HOMES & BUILDINGS (MFRS)
 4301 A SNIDER...RESIDENTIAL
 4337 CREWE SHAWN G MEDICINE CORP...NONCLASSIFIED ESTABLISHMENTS
 4337 CREWE SHAWN G MEDICINE CORP...PHYSICIANS & SURGEONS
 4337 CREWE SHAWN MD...PHYSICIANS & SURGEONS
 4337 DESJARDINS...INSURANCE
 4337 DESJARDINS...INSURANCE-HEALTH & ACCIDENT
 4337 DR GEORGE RAY...PHYSICIANS & SURGEONS
 4337 EDMONDS STEVE AGT...INSURANCE
 4337 EDMONDS STEVE AGT...MUTUAL FUNDS
 4337 HAIR STOP...BEAUTY SALONS
 4337 PERSONAL TOUCH HAIRSTYLING...BARBERS
 4337 PERSONAL TOUCH HAIRSTYLING...BEAUTY SALONS
 4337 RAY GEORGE M MD...PHYSICIANS & SURGEONS
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 4351 PINE GROVE VETERINARY HOSPITAL...PET SUPPLIES & FOODS-RETAIL
 4369 D CANNING...RESIDENTIAL
 4435 DOLLAR TREE...VARIETY STORES
 4435 DOLLAR TREE...E-COMMERCE

1160 J W CANNING...RESIDENTIAL
 1184 B COSFORD...RESIDENTIAL
 1211 VALERIE G GEE...RESIDENTIAL
 1212 JOHN A MUNDELL...RESIDENTIAL
 1223 J MALIK...RESIDENTIAL
 1233 RICK MATIAS...RESIDENTIAL
 1255 W E PERRY...RESIDENTIAL
 1263 R TURNBULL...RESIDENTIAL
 1273 K SECORD...RESIDENTIAL
 1293 T F LESTER...RESIDENTIAL
 1294 B JOHNSTON...RESIDENTIAL
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 1326 L REEKIE...RESIDENTIAL
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1083 R K CARPENTER...RESIDENTIAL
1084 S SIMON...RESIDENTIAL
1110 R TULIPANO...RESIDENTIAL
1151 HAWK RIDGE GOLF COUNTRY CLUB...GOLF PRACTICE RANGES

4037 L HARRINGTON...RESIDENTIAL
4110 GEORGE WINN...RESIDENTIAL
4117 MARTY KEARNS...RESIDENTIAL
4126 J BURGESS...RESIDENTIAL
4129 A KLAGES...RESIDENTIAL
4141 P D BRENNAN...RESIDENTIAL
4149 S BLAIS...RESIDENTIAL
4163 A SAPUTO...RESIDENTIAL
4214 R M MOONILALL...RESIDENTIAL
4230 P COLE...RESIDENTIAL
4306 BEN T COLE...RESIDENTIAL
4471 FRED JONES...RESIDENTIAL

- 4337 **EDMONDS STEPHEN L AGT...***INSURANCE AGENCIES & BROKERAGES*
- 4337 **YOUNG DRIVERS OF CANADA...***AUTOMOBILE DRIVING SCHOOLS*
- 4351 **PINE GROVE VETERINARY HOSPITAL...***VETERINARY SVCS*
- 4435 **DOLLAR TREE...***ALL OTHER GENERAL MERCHANDISE STORES*

NO LISTING FOUND

- 1151 HAWK RIDGE GOLF COUNTRY CLUB...GOLF COURSES & COUNTRY CLUBS
- 1151 HAWK RIDGE GOLF COUNTRY CLUB...ALL OTHER AMUSEMENT &
RECREATION INDUSTRIES
- 1151 HAWK RIDGE GOLF & COUNTRY CLUB...GOLF COURSES & COUNTRY CLUBS

NO LISTING FOUND

4260 CENTRAL ONTARIO ANALYTICAL LAB...TESTING LABORATORIES
4337 CHILDREN'S SAFETY NET...HUMAN RESOURCE CONSULTING SVCS
4337 GLOBAL VILLAGE SHOPPE...USED MERCHANDISE STORES
4337 HAIR STOP...BEAUTY SALONS
4337 KING'S KORNER...BOOK STORES
4337 ORILLIA COMMUNITY CHURCH...RELIGIOUS ORGANIZATION
4337 PFSL INVESTMENTS CANADA LTD...MISC INTERMEDIATION
4337 PROGRAMMED MOTION INC...INDUSTRIAL MACHINERY MERCHANT WHOLS
4337 SPEEDY SIGNS & TRUCK LETTERING...SIGN MFG
4337 STATE FARM INSURANCE CO...INSURANCE AGENCIES & BROKERAGES
4337 TAX DEPOT...TAX PREPARATION SVCS
4337 VON ADULT DAY PROGRAM...OTHER INDIVIDUAL & FAMILY SVCS
4337 YOUNG DRIVERS OF CANADA...ELEMENTARY & SECONDARY SCHOOLS
4351 PINE GROVE VETERINARY HOSPITAL...VETERINARIANS
4435 EASTER SEAL SOCIETY...UNCLASSIFIED
4435 SHOPPERS DRUG MART...PHARMACIES & DRUG STORES

NO LISTING FOUND

1151 HAWK RIDGE GOLF & COUNTRY CLUB...GOLF COURSES & COUNTRY CLUBS

NO LISTING FOUND

2000**BURNSIDE LINE**

SOURCE: POLKS

4260 NATURE'S PATH CENTRE
4260 YOUR CHOICE SHUTTLE
4337 GLOBAL VILLAGE SHOPPE
4337 KINGS KORNER
4337 NICHOLSON DESIGN GROUP
4337 PRIMERCIA FINANCIAL SERVICES
4337 SPEEDY SIGN & TRUCK LETTERING
4337 THE HAIR STOP
4337 YOUNG DRIVERS OF CANADA
4351 MONICA'S ALL BREED DOG GROOMING
4351 PINE GROVE VET HOSPITAL
4170- ALL RESIDENTIAL
4440

2000**HAWK RIDGE CRESCENT**

SOURCE: POLKS

all ALL RESIDENTIAL
1177 CRAWFORD MCKENZIE MCLEAN & WILFORD

2000

HURLWOOD LANE

SOURCE: POLKS

1057 MARK RICH HOMES LTD
1060 RESIDENTIAL (1 TENANT)
1151 HAWK RIDGE GOLF & COUNTRY CLUB

2000

UHTHOFF LINE

SOURCE: POLKS

4030-
4570 ALL RESIDENTIAL

4260 YOUR CHOICE SHUTTLE
4337 DESIGN GROUP NORTH
4337 PRIMERICA FINANCIAL SERVICES
4351 MONICA'S ALL BREED DOG GROOMING
4351 PINE GROVE VET HOSPITAL
4170- ALL RESIDENTIAL
4440

all ALL RESIDENTIAL
1375 CONSORTIUM PRINT & MARKETING

1999

HURLWOOD LANE

SOURCE: POLKS

STREET NOT LISTED

1999

UHTHOFF LINE

SOURCE: POLKS

4030-
4570

ALL RESIDENTIAL

4260 YOUR CHOICE SHUTTLE
4337 AD SAVE
4337 OFFICE
4337 PRIMERICA FINANCIAL SERVICES
4337 SPECIAL SERVICES
4351 MONICA'S ALL BREED DOG GROOMING
4351 PINE GROVE VET HOSPITAL
4170- ALL RESIDENTIAL
4440

all ALL RESIDENTIAL

1998

HURLWOOD LANE

SOURCE: POLKS

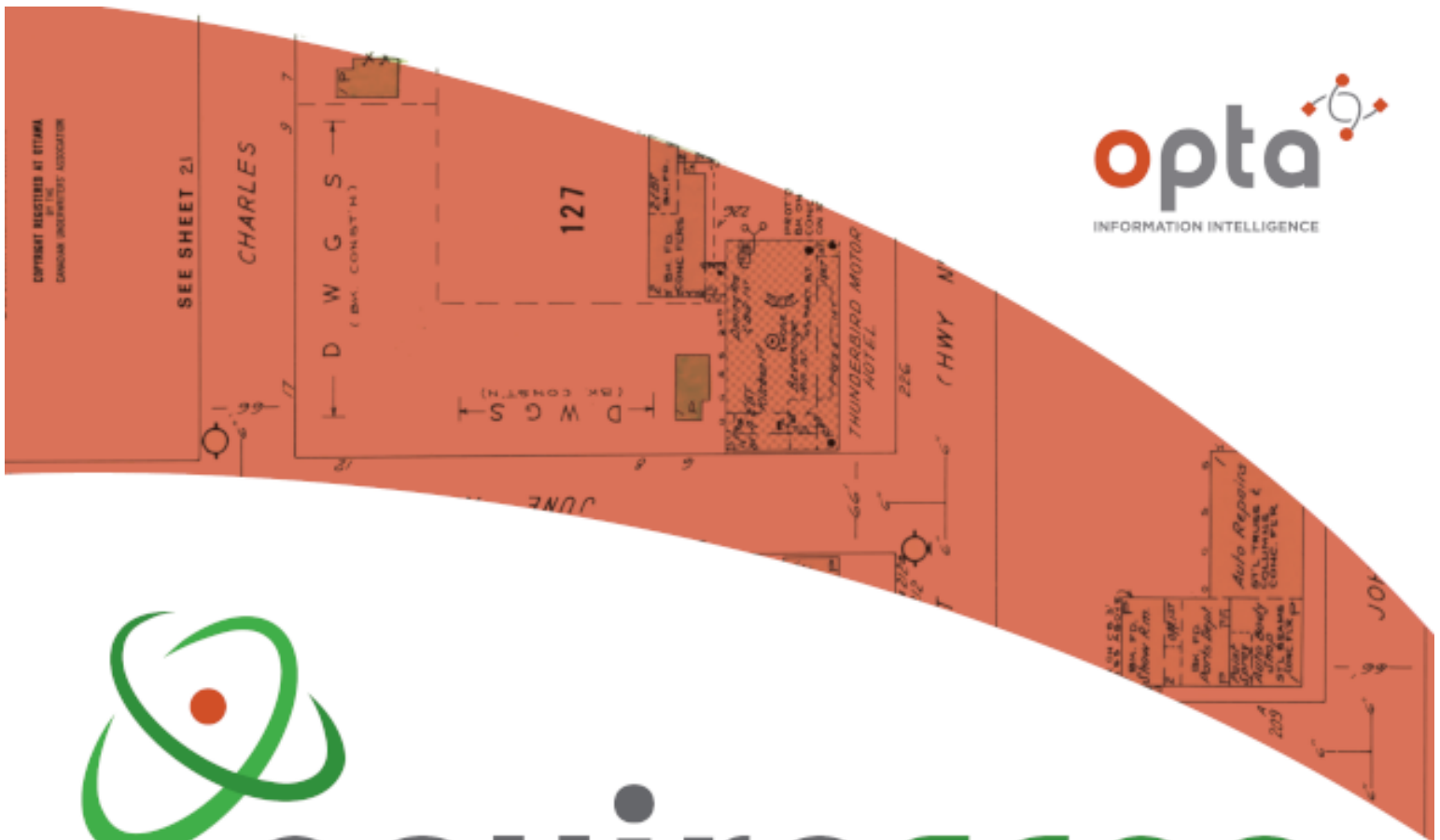
1080 RESIDENTIAL (1 TENANT)
1151 HAWK RIDGE GOLF CLUB

1998

UHTHOFF LINE

SOURCE: POLKS

4030-
4570 ALL RESIDENTIAL



enviroscan



175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Nate

Site Address:

1151 Hurlwood Lane Severn ON

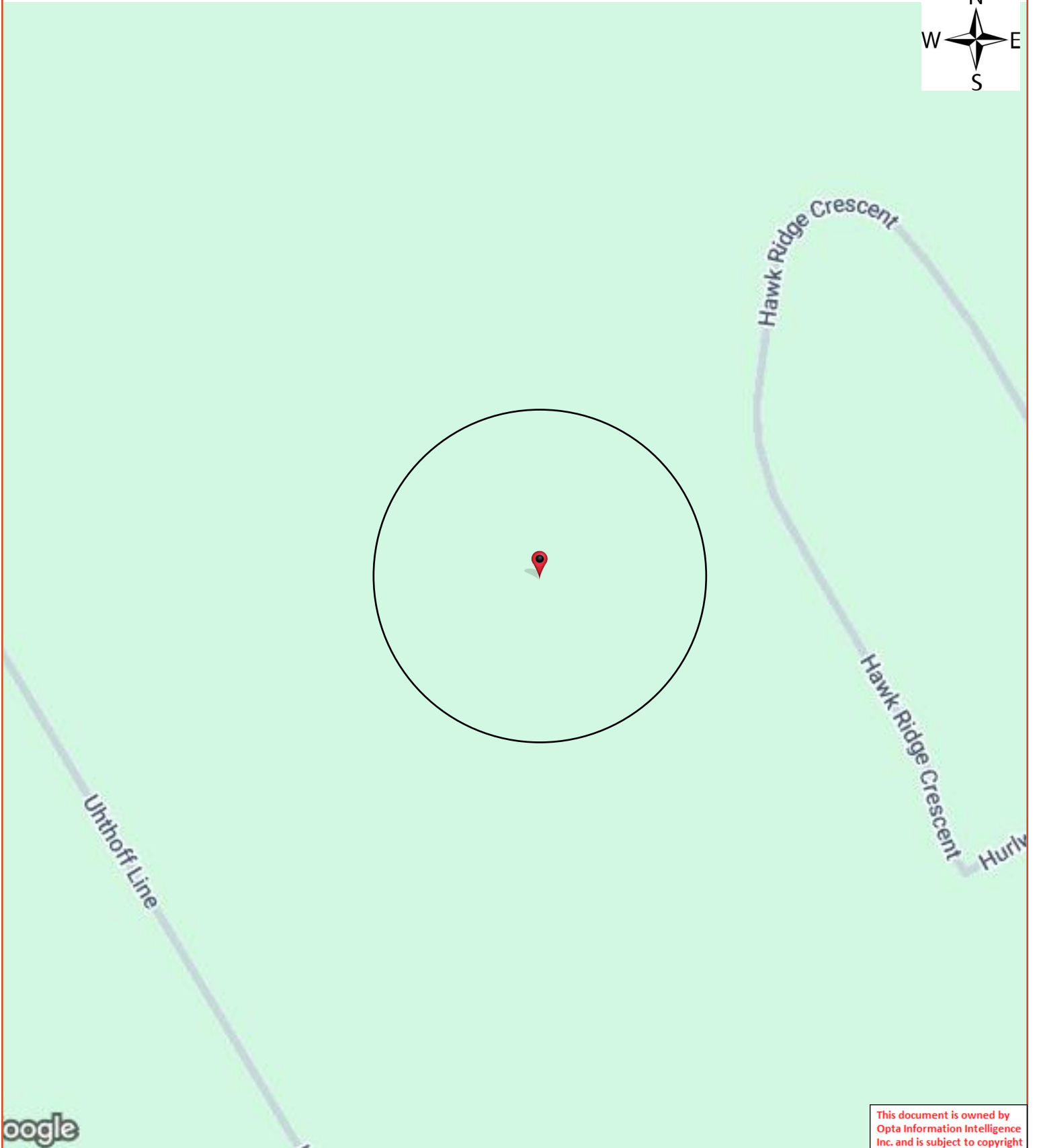
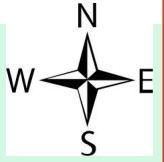
Project No:
24090600513

Opta Order ID:

149065

Requested by:
Eleanor Goolab
ERIS

Date Completed:
9/16/2024 1:19:07 PM



Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

No Records Found

Requested by:
Eleanor Goolab

Date Completed: 09/16/2024 13:19:07



OPTA INFORMATION INTELLIGENCE

No Records Found



CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 49, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58575-0334(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (E/1 lot 3 Con 4 -200 acres)	12 10 1841	Crown	Canada Company
	Patent (W1/2 lot 3 Con 4 - 100 acres)	15 12 1908	Crown	Canada Company
63531	Deed	23 10 1871	Canada Company	Thomas WHIPPS
74572	Deed	05 11 1873	Thomas Whipps	John DENTON
85229	Deed	12 10 1875	John Denton	James MARTIN
1042	Deed	06 07 1881	James Martin	Charles BOOTH
1043	Deed	06 07 1881	Charles Booth	Emanuel WAINMAN
3426	Deed	30 04 1890	Emanuel Wainman	David WAINMAN
6094	Deed	09 05 1902	David Wainman	Thomas EDMONSON

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 49, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 2

PIN #: 58575-0334(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
6938	Deed	08 12 1905	Thomas Edmonson	George LEE
7825	Will	15 12 1908	John Finn - estate	William FINN
10421	Deed	07 03 1918	George Lee	Charles CLARK
10766	Deed	02 07 1919	William Finn	Richard SHUNN
17056	Deed	15 11 1945	Winnifred G. Clark, exor of Charles	Pearson WAINMAN
78694	Deed	14 01 1958	Pearson Wainman	Henry WAINMAN
80850	Deed	27 03 1958	Richard Shunn	Joseph R. SHUNN
RO86138	Easement	22 07 1958	Joseph R. Shunn	Trans - Canada Pipe Lines Limited
RO86264	Easement	24 07 1958	Henry Wainman	Trans - Canada Pipe Lines Limited

Cont'd on page 3

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 49, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 3

PIN #: 58575-0334(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
201097	Deed	14 04 1965	Joseph R. Shunn	John Roy HURL
RO956151	Easement	25 06 1987	John Roy Hurl	William FINN
966041	Deed	19 08 1987	Henry Wainman - estate	Reginald Lee WAINMAN
966042	Easement	19 09 1987	Reginald Lee Wainman	Bell Canada
RO1050696	Deed	30 03 1989	John Roy Hurl	Mark Rich Homes Limited
RO01050704	Deed	30 03 1989	Reginald Lee Wainman	Mark Rich Homes Limited
RO1164058	Easement	25 09 1991	Mark Rich Homes Limited	The Corporation of The Township of Orillia
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal: Part lot 2, Con 4 South Orillia
 Description: as Part 1, 51R27783 ex. Pt 2, 51R28633

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58575-0150(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	12 04 1836	Crown	Robert ANDERSON
19577	Deed	24 09 1856	Elizabeth Charlotte Anderson, exor. Of Robert Anderson	Edward TURNER
19579	Deed	24 09 1856	Edward Turner	Emanuel WAINMAN
1404	Deed	05 02 1883	Emanuel Wainman	David WAINMAN
4665	Deed	15 09 1914	David Wainman	Albert A. CALVERLEY
111939	Deed	26 01 1960	Albert A. Calverley - estate	William A. CALVERLEY
696686	Deed	28 12 1979	William A. Calverley	Hugh William CALVERLEY Bradley Gordon CALVERLEY
RO1030331	Deed	01 11 1988	Hugh William Calverley Bradley Gordon Calverley	Silver Spring View Estates Limited
LT408564	Deed	27 10 1999	Silver Spring View Estates Limited	Mark Rich Homes Limited

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Part lot 2, Con 4 South Orillia
 Description: as Part 1, 51R27783 ex. Pt 2, 51R28633

Searched at: Barrie
 LRO #: 51

Page 2

PIN #: 58575-0150(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Part lot 1, Con 4 South Orillia
as Part 3, 51R27783

Searched at: Barrie
 LRO #: 51

PIN #: 58575-0151(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	12 04 1836	Crown	Robert ANDERSON
4126	Deed	20 10 1842	Robert Anderson	John WRIGHT
420	Deed	11 07 1878	John Wright - estate	Edward TURNER
7396	Deed	11 06 1907	Edward Turner	John E. TURNER
20410	Deed	27 02 1951	John E. Turner	John C. TURNER
226432	Deed	27 07 1966	John C. Turner	John Lyle TURNER & Don Laverne TURNER
RO1130354	Deed	01 11 1990	John Lyle Turner Don Laverne Turner	Silver Spring View Estates Limited
LT408564	Deed	27 10 1999	Silver Spring View Estates Limited	Mark Rich Homes Limited
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 50, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58575-0203(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	26 10 1836	Crown	Canada Company
123	Deed	08 06 1877	Canada Company	Nelson CRONKHITE
984	Vesting Order	16 03 1881	Nelson Cronkhite - estate	James MILLARD
985	Deed	16 03 1881	James Millard	Matilda MILLARD
1466	Deed	17 04 1883	Matilda Millard	William CALVERLEY, Sr.
1556	Deed	10 10 1883	William Calverley	Mary FLINT
3123	Deed (Root 1)	22 05 1889	Mary Flint	William BRIGGS
4299	Deed	18 08 1894	William Briggs	Marion BRIGGS
7576	Deed (Root 2)	14 03 1908	William Calverley, Sr.	William CALVERLEY, Jr.

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 50, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 2

PIN #: 58575-0203(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
7956	Deed	06 05 1909	William Calverley, Jr.	Thomas WYER
15442	Deed	27 09 1938	Thomas Wyer	Albert E. HURL
16052	Deed	06 01 1942	Marion Briggs	Robert DOAK
18267	Deed	14 02 1948	Thomas Wyer - estate	Harry THOMPSON
16900	Deed	05 07 1945	Robert Doak	William STOCKDALE
19330	Deed	25 11 1949	William Stockdale	Earl HAWKINS
20469	Deed	14 04 1951	Harry Thompson	James MACDONALD
24058	Deed	23 11 1953	Earl Hawkins	Jan NAJDJONEK & Stanislaw NAJDJONEK
RO90681	Easement	27 10 1958	Albert E. Hurl	Trans-Canada Pipe Lines Limited

Cont'd on page 3

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 50, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 3

PIN #: 58575-0203(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
203936	Deed	09 06 1965	James MacDonald	John COOPER
346085	Deed	11 12 1970	Albert E. Hurl	John Roy HURL & Norma HURL
478345	Deed	15 05 1974	John Cooper	AI STRINGER
RO956151	Easement	25 06 1987	John Roy Hurl	Bell Canada
RO1037438	Deed	15 12 1988	AI Stringer	Mark Rich Homes Limited
RO1050696	Deed	30 03 1989	John Roy Hurl & Norma HURL	Mark Rich Homes Limited
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 41, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58575-0204(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	26 10 1836	Crown	Canada Company
123	Deed	08 06 1877	Canada Company	Nelson CRONKHITE
984	Vesting Order	16 03 1881	Nelson Cronkhite - estate	James MILLARD
985	Deed	16 03 1881	James Millard	Matilda MILLARD
1466	Deed	17 04 1883	Matilda Millard	William CALVERLEY, Sr.
7576	Deed	14 03 1908	William Calverley, Sr.	William CALVERLEY, Jr.
7956	Deed	06 05 1909	William Calverley, Jr.	Thomas WYER
18267	Deed	14 02 1948	Thomas Wyer - estate	Harry THOMPSON
20469	Deed	14 04 1951	Harry Thompson	James MACDONALD

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 41, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 2

PIN #: 58575-0204(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
203936	Deed	09 06 1965	James MacDonald	John COOPER
478345	Deed	15 05 1974	John Cooper	AI STRINGER
RO1037438	Deed	15 12 1988	AI Stringer	Mark Rich Homes Limited
RO1164058	Easement	25 09 1991	Mark Rich Homes Limited	The Corporation of The Township of Orillia
LT227615	Easement	12 08 1992	Mark Rich Homes Limited	The Corporation of The Township of Orillia
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 42, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58575-0205(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	26 10 1836	Crown	Canada Company
123	Deed	08 06 1877	Canada Company	Nelson CRONKHITE
984	Vesting Order	16 03 1881	Nelson Cronkhite - estate	James MILLARD
985	Deed	16 03 1881	James Millard	Matilda MILLARD
1466	Deed	17 04 1883	Matilda Millard	William CALVERLEY, Sr.
7576	Deed	14 03 1908	William Calverley, Sr.	William CALVERLEY, Jr.
7956	Deed	06 05 1909	William Calverley, Jr.	Thomas WYER
18267	Deed	14 02 1948	Thomas Wyer - estate	Harry THOMPSON
20469	Deed	14 04 1951	Harry Thompson	James MACDONALD

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 1935-6133-3
 Address: 1151 Hurlwood Lane, Severn
 Legal Description: Block 42, Plan 51M489

Searched at: Barrie
 LRO #: 51

Page 2

PIN #: 58575-0205(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
203936	Deed	09 06 1965	James MacDonald	John COOPER
478345	Deed	15 05 1974	John Cooper	AI STRINGER
RO1037438	Deed	15 12 1988	AI Stringer	Mark Rich Homes Limited
LT227615	Easement	12 08 1992	Mark Rich Homes Limited	The Corporation of The Township of Orillia
SC1501537	Deed	03 04 2018	Mark Rich Homes Limited	HRGCC Lands Ltd.
SC1840192	Deed (Present Owners)	02 11 2021	HRGCC Lands Ltd.	LIV (Hawk Ridge) GP Inc. LIV (Hawk Ridge) LP

PROPERTY DESCRIPTION: PCL 1-8 SEC 51-S.O.-4; PT LT 2 CON 4 SOUTH ORILLIA PT 1 51R27783 EXCEPT PT 2 51R28633; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

2002/01/21

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2002/01/18 **						
RO1032697	1988/11/17	NOTICE OF LEASE		*** COMPLETELY DELETED ***	CALVERLEY, HUGHIE WILLIAM CALVERLEY, BRADELEY GORDON DONAHUE FARMS LTD.	
51R27783	1998/06/19	PLAN REFERENCE				C
LT408023	1999/10/22	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF SEVERN	C
LT408564	1999/10/27	TRANSFER		*** COMPLETELY DELETED ***	MARK RICH HOMES LIMITED	
REMARKS: SEVERANCE CONSENT						
LT412653	1999/11/24	CHARGE		*** COMPLETELY DELETED ***	NATIONAL BANK OF CANADA	
SC307116	2005/02/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
REMARKS: RE: LT412653						
SC1347180	2016/09/29	APL ANNEX REST COV		CHARTER CONSTRUCTION LIMITED MARK RICH HOMES LIMITED 2002 VENTURES INC. 765037 ONTARIO LIMITED VOHC INC. WESTMOUNT LANDING DEVELOPMENT CORP. 790354 ONTARIO INC.		C
SC1501425	2018/04/03	APL (GENERAL)		*** COMPLETELY DELETED *** SILVER SPRING VIEW ESTATES LTD.		
SC1501537	2018/04/03	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** MARK RICH HOMES LIMITED	HRGCC LANDS LTD.	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD	
		<i>REMARKS: PLANNING ACT STATEMENTS.</i>					
SC1501538	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED		
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED		
SC1840192	2021/11/02	TRANSFER	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	C	
		<i>REMARKS: PLANNING ACT STATEMENTS.</i>					
		<i>CORRECTIONS: PARTY TO NAME CHANGED FROM LIV (HAWK RIDGE) LP. TO LIV (HAWK RIDGE) LP ON 2022/01/17 AT 10:00 BY LIBURD, CAROLETTE.</i>					
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	THE TORONTO-DOMINION BANK	C	
SC1840194	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED			
		<i>REMARKS: SC1501538.</i>					
SC1840195	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED			
		<i>REMARKS: SC1501539.</i>					

PROPERTY DESCRIPTION: PCL 1-7 SEC 51-S.O.-4; PT LT 1 CON 4 SOUTH ORILLIA PT 3 51R27783; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

2002/01/21

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2002/01/18 **						
51R27783	1998/06/19	PLAN REFERENCE				C
LT408023	1999/10/22	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF SEVERN	C
LT408564	1999/10/27	TRANSFER		*** COMPLETELY DELETED ***	MARK RICH HOMES LIMITED	
REMARKS: SEVERANCE CONSENT						
LT412653	1999/11/24	CHARGE		*** COMPLETELY DELETED ***	NATIONAL BANK OF CANADA	
SC307116	2005/02/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
REMARKS: RE: LT412653						
SC1347180	2016/09/29	APL ANNEX REST COV		CHARTER CONSTRUCTION LIMITED MARK RICH HOMES LIMITED 2002 VENTURES INC. 765037 ONTARIO LIMITED VOHC INC. WESTMOUNT LANDING DEVELOPMENT CORP. 790354 ONTARIO INC.		C
SC1501537	2018/04/03	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** MARK RICH HOMES LIMITED	HRGCC LANDS LTD.	
REMARKS: PLANNING ACT STATEMENTS.						
SC1501538	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SC1840192	2021/11/02	TRANSFER	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	C
		<i>REMARKS: PLANNING ACT STATEMENTS.</i> <i>CORRECTIONS: PARTY TO NAME CHANGED FROM LIV (HAWK RIDGE) LP. TO LIV (HAWK RIDGE) LP ON 2022/01/17 AT 10:00 BY LIBURD, CAROLETTE.</i>				
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	THE TORONTO-DOMINION BANK	C
SC1840194	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
		<i>REMARKS: SC1501538.</i>				
SC1840195	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
		<i>REMARKS: SC1501539.</i>				

PROPERTY DESCRIPTION: PCL 50-1 SEC 51M489; BLK 50 PL 51M489 SOUTH ORILLIA; S/T R086138, R090681, R0956151, R0956152; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

2002/01/21

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2002/01/18 **						
R086138	1958/07/22	TRANSFER EASEMENT			TRANS-CANADA PIPE LINES LIMITED	C
R090681	1958/10/27	TRANSFER EASEMENT			TRANS-CANADA PIPE LINES LIMITED	C
R0956151	1987/06/25	TRANSFER EASEMENT			BELL CANADA	C
R0956152	1987/06/25	TRANSFER EASEMENT			BELL CANADA	C
R01152405	1991/06/14	AGREEMENT			THE TOWNSHIP OF ORILLIA	C
		REMARKS: SITE PLAN				
51R22962	1992/05/08	PLAN REFERENCE				C
LT224999	1992/07/02	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
LT234668	1992/11/16	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL BANK OF CANADA	
LT412653	1999/11/24	CHARGE		*** COMPLETELY DELETED ***	NATIONAL BANK OF CANADA	
LT415304	1999/12/09	POSTPONEMENT		*** DELETED AGAINST THIS PROPERTY ***		
		REMARKS: LT234668, LT412653				
SC307116	2005/02/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
		REMARKS: RE: LT412653				
SC712655	2009/01/16	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
		REMARKS: RE: LT234668				
SC1501537	2018/04/03	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SC1501538	2018/04/03	CHARGE		MARK RICH HOMES LIMITED *** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	HRGCC LANDS LTD. MARK RICH HOMES LIMITED	
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
SC1840192	2021/11/02	TRANSFER	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	C
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	CAROLETTE. THE TORONTO-DOMINION BANK	C
SC1840194	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
SC1840195	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PROPERTY DESCRIPTION: PCL 41-1 SEC 51M489; LT 41 PL 51M489 SOUTH ORILLIA; S/T LT227615, R01164058; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

2002/01/21

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2002/01/18 **						
NOTE: THE NO DEALINGS INDICATOR IS IN EFFECT ON THIS PROPERTY						
R01152405	1991/06/14	AGREEMENT			THE TOWNSHIP OF ORILLIA	C
REMARKS: SITE PLAN						
R01164058	1991/09/25	TRANSFER EASEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
51R22692	1992/01/06	PLAN REFERENCE				C
LT224999	1992/07/02	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
51R23184	1992/08/11	PLAN REFERENCE				C
LT227615	1992/08/12	TRANSFER EASEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
LT232537Z	1992/10/19	APL ANNEX REST COV		*** DELETED AGAINST THIS PROPERTY ***		
LT234667	1992/11/16	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL BANK OF CANADA	
LT452887	2000/09/26	CERT PENDING LIT		*** COMPLETELY DELETED ***		
SC86861	2003/01/15	APL AMEND ORDER		*** COMPLETELY DELETED *** ONTARIO SUPERIOR COURT OF JUSTICE	MARK RICH HOMES LIMITED	
REMARKS: DELETE PEND LIT LT452887						
SC124395	2003/06/20	BYLAW DEEM PLNP		THE CORPORATION OF THE TOWNSHIP OF SEVERN		C
SC448441	2006/06/19	NOTICE	\$2	THE CORPORATION OF THE TOWNSHIP OF SEVERN	MARK RICH HOMES LIMITED	C
SC448442	2006/06/19	POSTPONEMENT		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA	THE COPRPORATION OF THE TOWNSHIP OF SEVERN	
REMARKS: LT234667 TO SC448441						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
 REGISTRY
 OFFICE #51

58575-0204 (LT)

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
SC712687	2009/01/16	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
	REMARKS: RE: LT234667					
SC1501424	2018/04/03	APL DELETE REST		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
	REMARKS: LT232537Z.					
SC1501537	2018/04/03	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** MARK RICH HOMES LIMITED	HRGCC LANDS LTD.	
	REMARKS: PLANNING ACT STATEMENTS.					
SC1501538	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
51R41647	2018/07/04	PLAN REFERENCE				C
SC1522613	2018/07/05	RESTRICTION-LAND		HRGCC LANDS LTD.		C
	REMARKS: NO TRANSFER OR CHARGE SHALL BE REGISTERED WITHOUT THE PRIOR WRITTEN CONSENT OF THE TOWNSHIP OF SEVERN					
SC1840192	2021/11/02	TRANSFER	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	C
	REMARKS: PLANNING ACT STATEMENTS.					
	CORRECTIONS: PARTY TO NAME CHANGED FROM LIV (HAWK RIDGE) LP. TO LIV (HAWK RIDGE) LP ON 2022/01/17 AT 10:00 BY LIBURD, CAROLETTE.					
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	THE TORONTO-DOMINION BANK	C
SC1840194	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
	REMARKS: SC1501538.					
SC1840195	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
	REMARKS: SC1501539.					

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PROPERTY DESCRIPTION: PCL 42-1 SEC 51M489; LT 42 PL 51M489 SOUTH ORILLIA; S/T LT227615; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE:

2002/01/21

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2002/01/18 **						
NOTE: THE NO DEALINGS INDICATOR IS IN EFFECT ON THIS PROPERTY						
RO1152405	1991/06/14	AGREEMENT			THE TOWNSHIP OF ORILLIA	C
		REMARKS: SITE PLAN				
LT224999	1992/07/02	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
51R23184	1992/08/11	PLAN REFERENCE				C
LT227615	1992/08/12	TRANSFER EASEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
LT232537Z	1992/10/19	APL ANNEX REST COV		*** DELETED AGAINST THIS PROPERTY ***		
LT234667	1992/11/16	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL BANK OF CANADA	
LT452887	2000/09/26	CERT PENDING LIT		*** COMPLETELY DELETED ***		
SC86861	2003/01/15	APL AMEND ORDER		*** COMPLETELY DELETED *** ONTARIO SUPERIOR COURT OF JUSTICE	MARK RICH HOMES LIMITED	
		REMARKS: DELETE PEND LIT LT452887				
SC124395	2003/06/20	BYLAW DEEM PLNP		THE CORPORATION OF THE TOWNSHIP OF SEVERN		C
SC448441	2006/06/19	NOTICE	\$2	THE CORPORATION OF THE TOWNSHIP OF SEVERN	MARK RICH HOMES LIMITED	C
SC448442	2006/06/19	POSTPONEMENT		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA	THE COPRPORATION OF THE TOWNSHIP OF SEVERN	
		REMARKS: LT234667 TO SC448441				
SC712687	2009/01/16	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
		REMARKS: RE: LT234667				

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
SC1501424	2018/04/03	APL DELETE REST <i>REMARKS: LT232537Z.</i>		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
SC1501537	2018/04/03	TRANSFER <i>REMARKS: PLANNING ACT STATEMENTS.</i>		*** DELETED AGAINST THIS PROPERTY *** MARK RICH HOMES LIMITED	HRGCC LANDS LTD.	
SC1501538	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
51R41647	2018/07/04	PLAN REFERENCE				C
SC1522613	2018/07/05	RESTRICTION-LAND <i>REMARKS: NO TRANSFER OR CHARGE SHALL BE REGISTERED WITHOUT THE PRIOR WRITTEN CONSENT OF THE TOWNSHIP OF SEVERN</i>		HRGCC LANDS LTD.		C
SC1840192	2021/11/02	TRANSFER <i>REMARKS: PLANNING ACT STATEMENTS. CORRECTIONS: PARTY TO NAME CHANGED</i>	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP <i>CAROLETTE.</i>	C
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	THE TORONTO-DOMINION BANK	C
SC1840194	2021/11/02	DISCH OF CHARGE <i>REMARKS: SC1501538.</i>		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
SC1840195	2021/11/02	DISCH OF CHARGE <i>REMARKS: SC1501539.</i>		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		

PROPERTY DESCRIPTION: BLK 49 PL 51M489 SOUTH ORILLIA, EXCEPT PTS 9, 10 & 11 PL 51R35510; S/T R01164058, R086138, R086264, R0956151, R0966042; SEVERN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

DIVISION FROM 58575-0160

PIN CREATION DATE:

2008/02/05

OWNERS' NAMES

LIV (HAWK RIDGE) GP INC.
LIV (HAWK RIDGE) LP.

CAPACITY SHARE

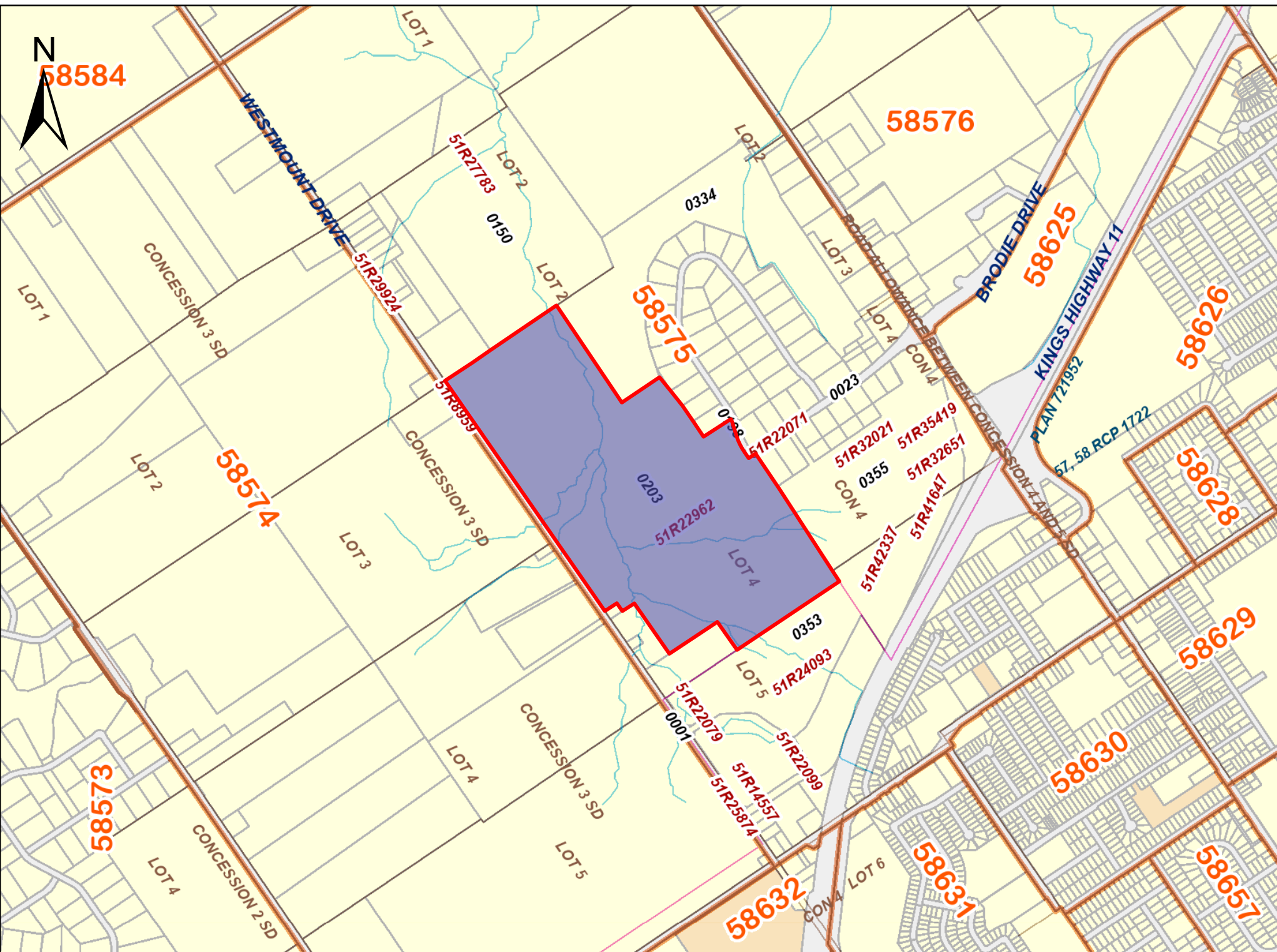
GPAR
FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<i>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2008/02/05 **</i>						
R086138	1958/07/22	TRANSFER EASEMENT			TRANS-CANADA PIPE LINES LIMITED	C
R086264	1958/07/24	TRANSFER EASEMENT			TRANS-CANADA PIPE LINES LIMITED	C
R0956151	1987/06/25	TRANSFER EASEMENT			BELL CANADA	C
R0966042	1987/08/19	TRANSFER EASEMENT			BELL CANADA	C
R01152405	1991/06/14	AGREEMENT			THE TOWNSHIP OF ORILLIA	C
		<i>REMARKS: SITE PLAN</i>				
R01164058	1991/09/25	TRANSFER EASEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
51R22962	1992/05/08	PLAN REFERENCE				C
LT224999	1992/07/02	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF ORILLIA	C
LT234668	1992/11/16	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	ROYAL BANK OF CANADA	
SC712655	2009/01/16	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
		<i>REMARKS: RE: LT234668</i>				
SC1501537	2018/04/03	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** MARK RICH HOMES LIMITED	HRGCC LANDS LTD.	
		<i>REMARKS: PLANNING ACT STATEMENTS.</i>				
SC1501538	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	
SC1501539	2018/04/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** HRGCC LANDS LTD.	MARK RICH HOMES LIMITED	

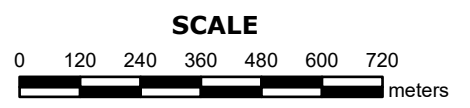
NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
SC1840192	2021/11/02	TRANSFER	\$29,000,000	HRGCC LANDS LTD.	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	C
		<i>REMARKS: PLANNING ACT STATEMENTS.</i> <i>CORRECTIONS: PARTY TO NAME CHANGED FROM LIV (HAWK RIDGE) LP. TO LIV (HAWK RIDGE) LP ON 2022/01/17 AT 10:00 BY LIBURD, CAROLETTE.</i>				
SC1840193	2021/11/02	CHARGE PARTNERSHIP	\$16,000,000	LIV (HAWK RIDGE) GP INC. LIV (HAWK RIDGE) LP	THE TORONTO-DOMINION BANK	C
SC1840194	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
		<i>REMARKS: SC1501538.</i>				
SC1840195	2021/11/02	DISCH OF CHARGE		*** COMPLETELY DELETED *** MARK RICH HOMES LIMITED		
		<i>REMARKS: SC1501539.</i>				



PRINTED ON 30 SEP, 2024 AT 11:08:26
FOR BERTUCCI



PROPERTY INDEX MAP
SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

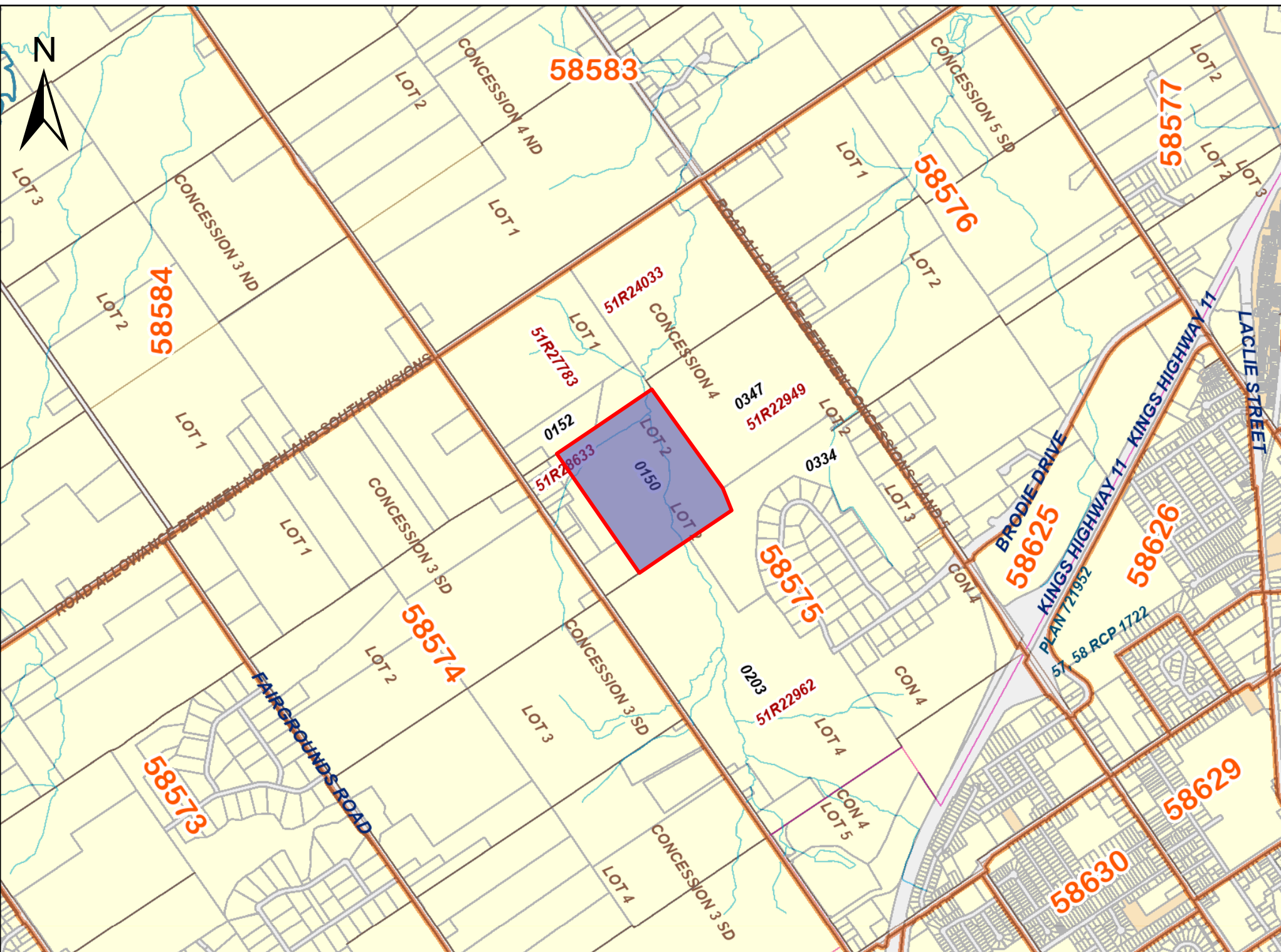
THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

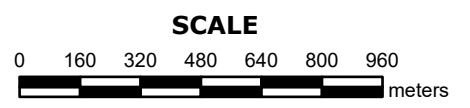
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





PRINTED ON 29 SEP, 2024 AT 11:12:01
FOR BERTUCCI



PROPERTY INDEX MAP
SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

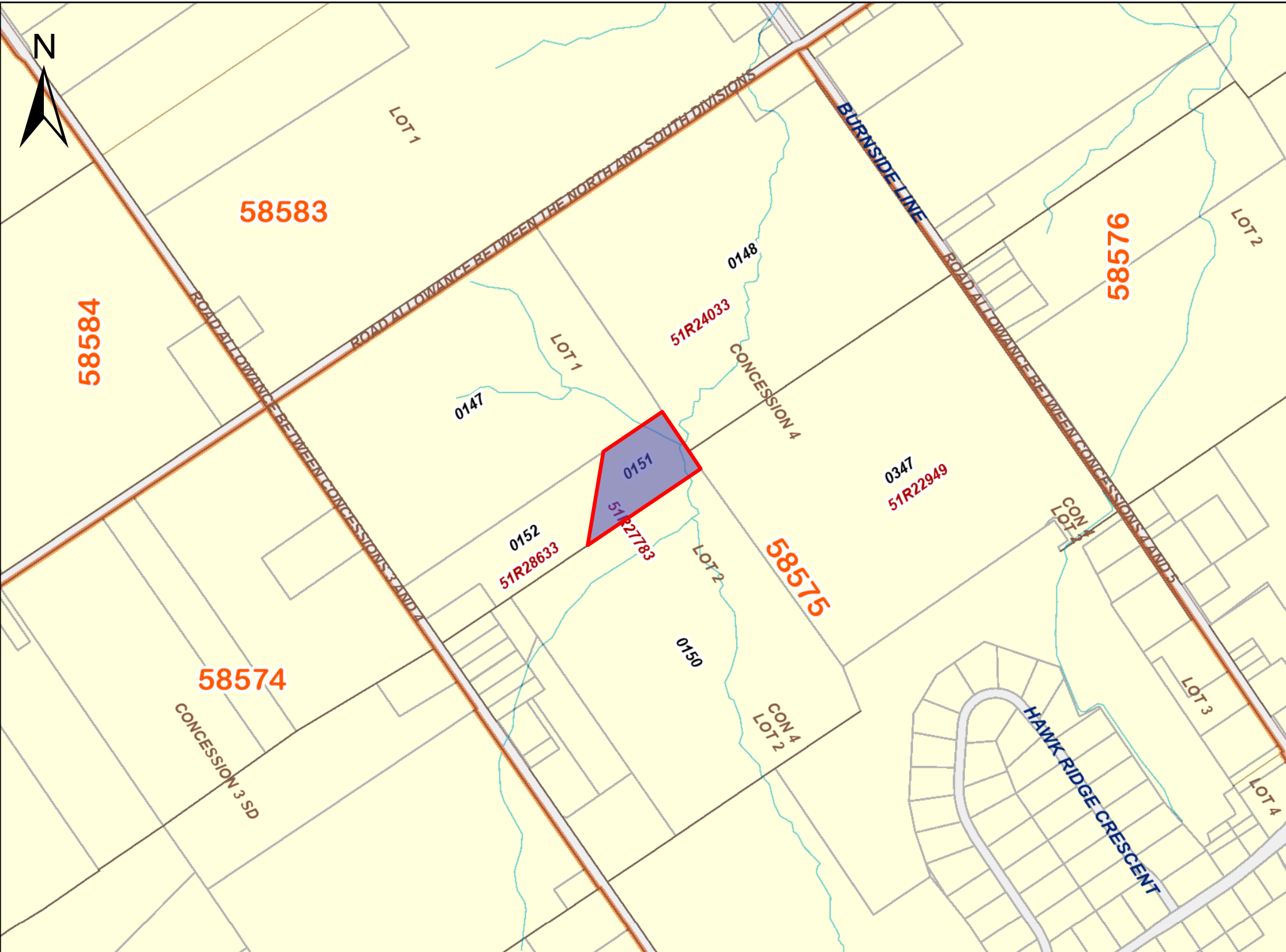
THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

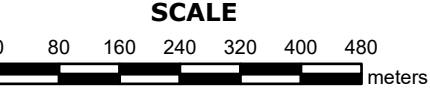
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





PRINTED ON 30 SEP, 2024 AT 11:07:27
FOR BERTUCCI



PROPERTY INDEX MAP
SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

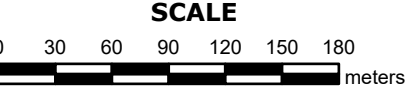
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





PRINTED ON 29 SEP, 2024 AT 12:51:08
FOR BERTUCCI



PROPERTY INDEX MAP
SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

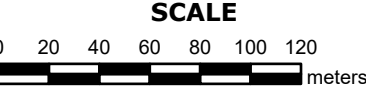
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





PRINTED ON 30 SEP, 2024 AT 11:09:22
FOR BERTUCCI



PROPERTY INDEX MAP
SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

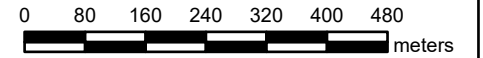
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



PRINTED ON 30 SEP, 2024 AT 11:06:05
FOR BERTUCCI

SCALE



PROPERTY INDEX MAP

SIMCOE(No. 51)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

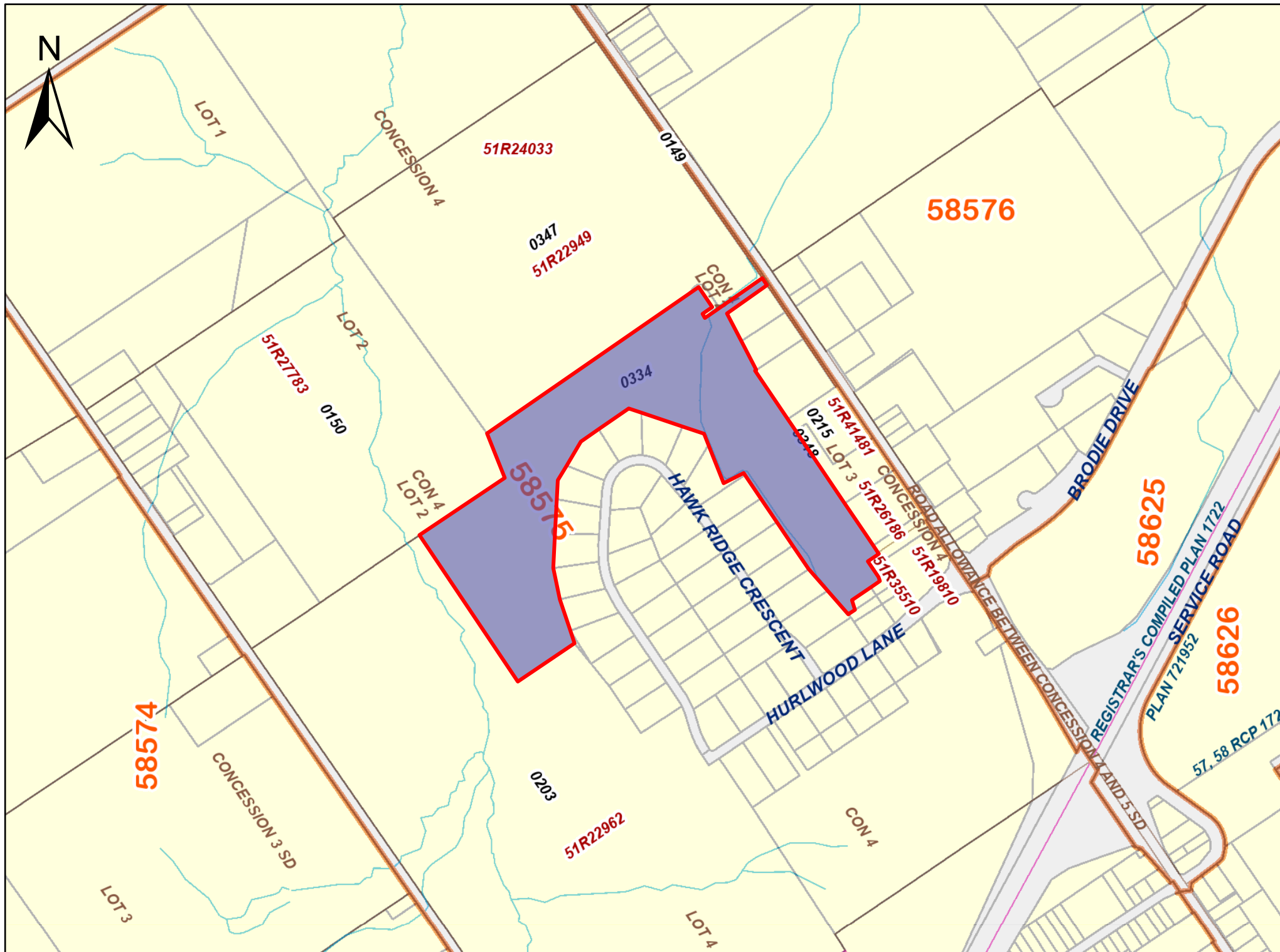
REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



APPENDIX D

Aerial Photographs



HISTORICAL AERIALS

Project Property: Hawk Ridge Phase One ESA
1151 Hurlwood Lane
Severn ON L3V 0Y6

Project No: 1935-6133-3

Requested By: C.F. Crozier & Associates Inc.

Order No: 24090600513

Date Completed: September 24, 2024

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2020	Maxar Technologies	10,000	
2008	Government of Ontario	10,000	
1995	National Air Photo Library	10,000	
1983	National Air Photo Library	10,000	
1976	National Air Photo Library	10,000	
1967	National Air Photo Library	10,000	
1950	Decade Coverage Unavailable	10,000	
1945	National Air Photo Library	10,000	
1931	National Air Photo Library	10,000	
1920	Decade Coverage Unavailable	10,000	

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

250
Meters



Year: 2020
Source: MAXAR
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters



Year: 2008
Source: GON
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters



Year: 1995
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters



Year: 1983
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters



Year: 1976
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters

19915-114



Year: 1967
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250

Meters

EASTMAN TOPOGRAPHIC SAFETY

FETY



Year: 1945
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



250
Meters



Year: 1931
Source: NAPL
Scale: 10,000
Comment:

Address: 1151 Hurlwood Lane, Severn, ON
Approx Center: -79.45084799,44.63037808

Order No: 24090600513



Aerial 2011

Hawk Ridge Golf Club
1151 Hurlwood Lane, Severn, ON



Google Earth

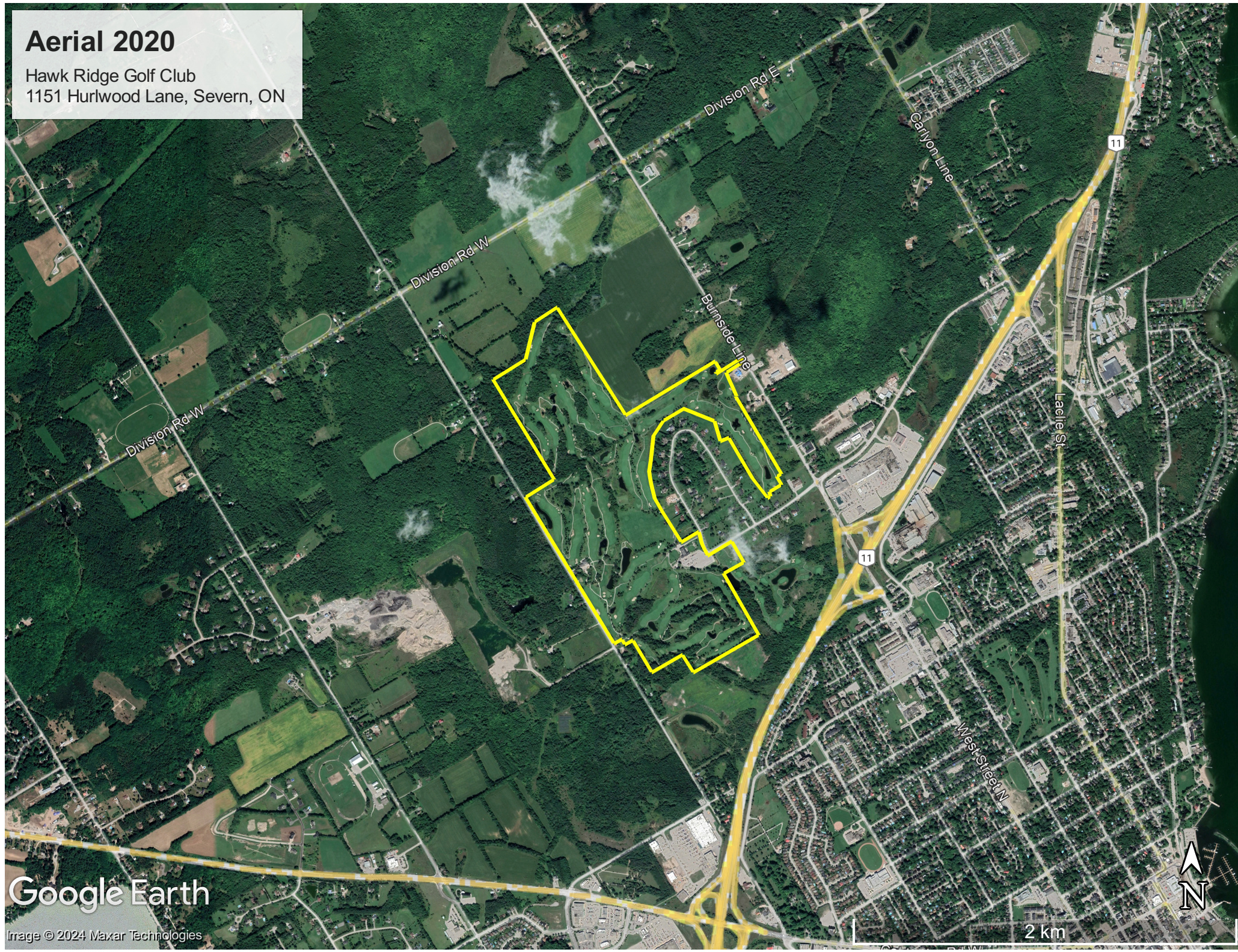
Image © 2024 Maxar Technologies
Image © 2024 CNES / Airbus

2 km



Aerial 2020

Hawk Ridge Golf Club
1151 Hurlwood Lane, Severn, ON



Google Earth

Image © 2024 Maxar Technologies





APPENDIX E

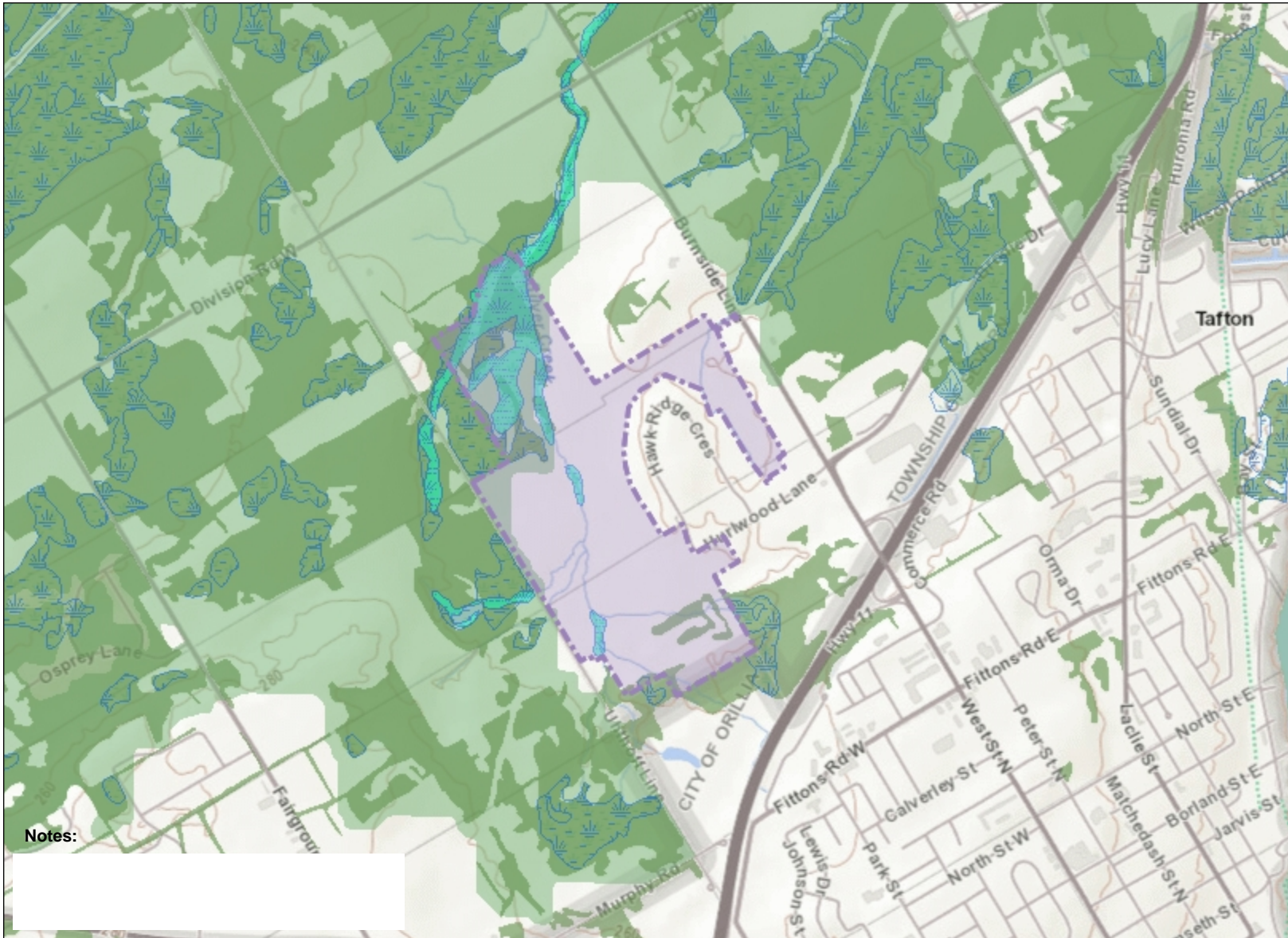
Topographic and ANS Mapping

Areas of Natural Significance Map

Map created:9/12/2024

Legend

- ANSI
-  Earth Science Provincially Significant/sciences de la terre d'importance provinciale
 -  Earth Science Regionally Significant/sciences de la terre d'importance régionale
 -  Life Science Provincially Significant/sciences de la vie d'importance provinciale
 -  Life Science Regionally Significant/sciences de la vie d'importance régionale
 -  Evaluated Wetland
 -  Provincially Significant/considérée d'importance provinciale
 -  Non-Provincially Significant/non considérée d'importance provinciale
 -  Unevaluated Wetland
 -  Woodland
 -  Conservation Reserve
 -  Provincial Park
 -  Greenbelt Towns and Villages
 -  ORM Land Use Designation
 -  Countryside Area/zone de campagne
 -  Natural Core Area/zone centrale naturelle
 -  Natural Linkage Area/lien naturel
 -  Palgrave Estates Residential Community/communauté résidentielle de Palgrave Estates
 -  Rural Settlement/zone de peuplement rurale
 -  Settlement Area/zone de peuplement
 -  Natural Heritage System



Notes:



Absence of a feature in the map does not mean they do not exist in this area.

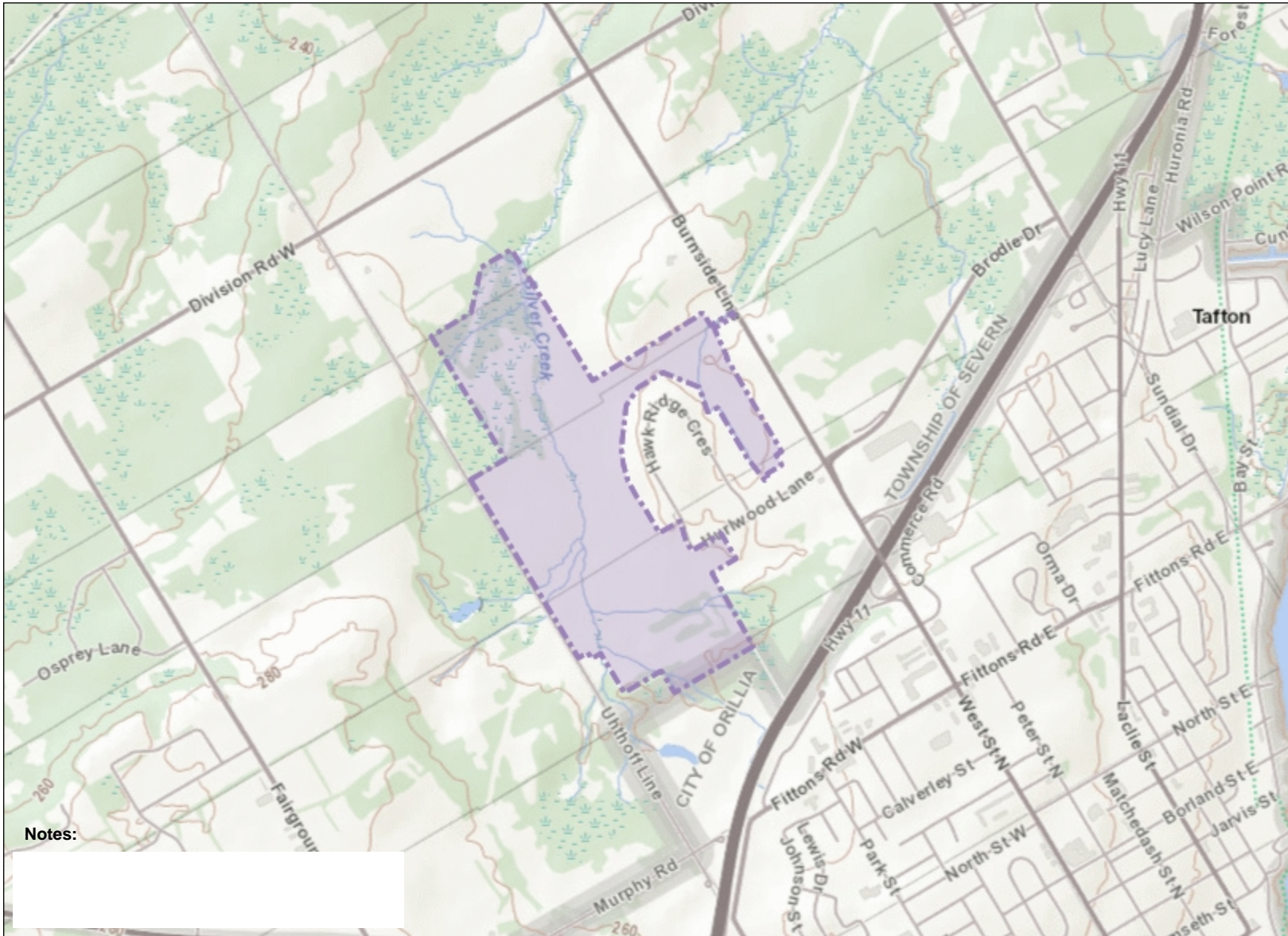
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Notes:



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APPENDIX F

Water Well Records



MECP WATER WELL RECORDS - PHASE ONE STUDY AREA

Project Number: 1935-6133

Address: 1151 Hurlwood Lane, Township of Severn

Prepared by: Kelly Reid / Matthew Huson

Date completed: 2024-09-30

Well ID	Key Number	Distance	Diameter (cm)	Depth (m)	Static Level (m)	Quantity (lpm)	Quality	Material / Notes	Aquifer ¹	Use	Date Completed
5702973	N/A	105.8	14.2	24.7	8.23	3.0	Clear	Sandy gravel	OB	Agriculture	12/01/1956
5707057	N/A	71.9	15.2	15.5	2.13	45.4	Clear	Brown sandy clay, brown sand, grey hardpan & boulders, gravel (coarse & medium)	OB	Domestic	01/17/1970
5713121	N/A	213.9	15.2	24.4	3.66	18.9	N/A	Dug Well. Hard blue gravel (with clay, boulders), blue clay, coarse grey gravel (with sand)	OB	Domestic	08/15/1975
5713142	N/A	203.9	15.2	30.8	4.27	15.1	Clear	Dug Well. Yellow sand & gravel (brown clay boulders), grey clay sand (with gravel), yellow sand (with gravel)	OB	Domestic	11/19/1975
5714909	N/A	64.6	15.2	35.1	--	--	N/A	Hardpan & clay, limestone. Abandoned. Sulphur noted.	BR	Domestic. Abandoned	10/15/1977
5715557	N/A	69.2	12.7	76.2	4.88	11.4	Cloudy	Brown sand, gravel (with clay & stones), grey sandy clay & gravel, grey silt & gravel, grey limestone, green limestone, red & brown granite	OB	Domestic	10/14/1978
5720646	N/A	192.1	15.2	17.7	--	113.6	Clear	Soft brown sand (with silt), hard grey hardpan (with stones), hard brown sand (with gravel)	OB	Domestic and Industrial	03/21/1986
5729034	N/A	169.9	15.9	35.4	8.23	113.6	Clear	Brown clay, dirty brown sand (with gravel), grey clay, grey clay (with gravel, stones), grey limestone	BR	Domestic	12/20/1991
5730577	N/A	17.3	15.6	25.0	3.05	15.1	Clear	Topsoil, brown gravel (with boulders), brown clay (with stones, boulders), cemented brown gravel (with clay), dry brown sand, cemented brown clay (with gravel), water bearing brown sand (with silt), grey limestone bedrock	BR	Domestic	12/16/1993
5730597	N/A	87.0	15.9	11.0	Flow	30.3	Clear	Brown clay (with boulders), soft grey clay, grey gravel	OB	Domestic	02/07/1994
5730598	N/A	89.0	5.1	9.8	Flow	22.7	Clear	Grey clay, brown gravel (with sand)	OB	Domestic	03/07/1994
5731274	N/A	84.3	13.3	30.2	7.92	11.4	Clear	Brown clay (with gravel, boulders), grey clay (with gravel, boulders), brown sand, grey clay (with gravel, boulders), cemented brown sand (with clay), grey limestone	BR	Domestic	09/16/1994
5732745	N/A	3.8	76.2	18.3	3.05	15.1	Clear	Topsoil, brown clay, grey clay (with sand layers)	OB	Domestic	11/01/1996
5733313	N/A	3.8	--	36.6	12.19	3.8	Clear	Grey clay (with boulders), grey hardpan, grey limestone	BR	Domestic	08/12/1997
5734047	N/A	169.9	15.9	37.2	12.19	30.3	Clear	Brown clay (with stones), brown silt, clay, sand, grey clay, grey clay (with stones & broken limestone), grey limestone	BR	Domestic	01/25/1999
5736301	N/A	136.3	15.2	79.2	--	--	N/A	Stoney brown clay (with sand), stoney grey hardpan, grey limestone, brown shale, red granite	BR	Abandoned	08/18/2001
5736302	N/A	150.8	15.2	22.9	12.19	7.6	Clear	Stoney brown clay (with sand), stoney grey hardpan, brown sand (with gravel)	OB	Domestic	08/17/2001
5736479	N/A	183.1	15.9	27.1	1.83	37.9	Clear	Brown sand, grey clay, brown sand & gravel, grey clay (with gravel), shale, limestone gravel, fractured limestone	BR	Domestic	11/01/2001
5737280	N/A	131.0	15.9	16.8	Flow	11.4	Clear	Fine brown sand, grey clay (with sand), stones, grey clay, grey gravel (with sand)	OB	Domestic	07/25/2002
5738871	A011982	56.9	15.9	21.3	2.13	37.9	Clear	Grey clay (with boulders), cemented grey clay (with sand, gravel, boulders), fine yellow sand (with silt), coarse yellow sand	OB	Domestic	05/04/2004
5740334	A024319	133.5	15.9	11.0	1.52	37.9	Clear	Brown clay (with boulders), soft grey clay (with boulders), cemented grey clay (with gravel), coarse brown gravel (water bearing)	OB	Domestic	08/15/2005
5740341	A024309	86.0	15.9	11.3	1.52	45.4	Clear	Brown sand (with clay), grey clay (with silt), grey clay (with boulders & gravel), coarse brown gravel (water bearing)	OB	Domestic	10/12/2005
5740343	A024310	93.6	15.9	9.1	Flow	37.9	Clear	Grey clay (with silt), grey clay (with gravel), coarse brown gravel (water bearing)	OB	Domestic	10/14/2005
5741423	A039948	76.2	15.9	16.5	0.00	37.9	Clear	Soft grey clay, cemented grey clay (with gravel), grey gravel (with clay, water bearing)	OB	Domestic	11/17/2006
5741424	A024295	151.4	15.9	11.0	0.30	18.9	Clear	Brown sand, grey clay, cemented grey clay (with gravel), brown gravel (water bearing)	OB	Domestic	11/02/2006
5741425	A024294	60.7	15.9	10.1	Flow	37.9	Clear	Brown clay (with sand), grey clay, coarse brown gravel (water bearing)	OB	Domestic	10/11/2006
5741448	A023815	106.2	15.7	26.2	2.12	40.1	Clear	Brown clay (with stones), grey hardpan (with clay), grey sand, grey hardpan (with clay), brown sand (with silt), grey limestone	BR	Domestic	11/15/2006
7127577	A059110	121.1	15.2	17.7	3.66	45.4	Clear	Stoney brown sand (with clay), brown sand, grey clay, stoney grey hardpan, fine brown sand	OB	Domestic	08/05/2009
7245721	A169378	124.7	15.2	54.9	7.16	15.1	Clear	Stoney brown clay, grey hardpan (with boulders), grey clay (with gravel), broken grey limestone, grey limestone	BR	Domestic	07/16/2015
7295360	A225116	132.8	15.2	24.4	3.29	37.9	Clear	Brown clay (with cobbles), hard grey clay (with gravel), grey gravel (with clay), very hard grey clay & gravel	OB	Domestic	07/06/2017
7314587	A210682	208.0	15.7	31.0	4.68	60.0	Clear	Brown sand (with stones), grey clay (with stone & till), grey gravel, grey clay (with stone & till), brown sand, grey sand (with silt), grey limestone	BR	Other (Animal Hospital)	06/20/2018
7324663	A253096	107.0	15.2	N/A	6.89	30.3	Clear	No material information. Existing well was upgraded.	--	Commercial	10/12/2018
7381917	A283133	77.4	15.2	N/A	4.75	25.0	Clear	Stoney brown clay, grey clay (hard packed boulders), grey limestone	BR	Domestic	02/15/2021
7388373	A287879	213.8	15.2	44.2	4.89	25.0	Clear	Brown clay (with stones), brown sand (with clay), grey clay (with stones), broken grey limestone, grey limestone	BR	Other (Town Yard)	04/26/2021
7402038	A338401	109.2	15.2	25.3	1.31	18.9	Clear	Brown sand, brown sand (with clay), grey clay, brown sand	OB	Domestic	10/21/2021

Data Source: Ministry of the Environment, Conservation, and Parks, retrieved January 23, 2024.

1. OB = Overburden Aquifer, BR = Bedrock Aquifer

APPENDIX G

Photographic Log



Photo 1 – Hawk Ridge Golf and Country Club.



Photo 2 – Commercial properties east of the Site, view from the northeast of Burnside Line.



Photo 3 – Residential property on the northeast of the Site, view southwest from Burnside Line.



Photo 4 – Agricultural fields north of the Site, view south from Division Road West.



Photo 5 – Residential property southwest of the Site, view northeast from the Uthhoff Line.



Photo 6 – Southwest edge of the Site where the TransCanada Pipeline intersects with the property line, view northeast from Uthhoff Line.



Photo 7 – Construction/ development south of the Site, view northeast from Uthoff Line.



Photo 8 – Construction/ development south of the Site, view northwest from Highway 11.



Photo 9 – Exterior of the western corner of the Clubhouse, view east.



Photo 10 – Clubhouse electrical room, looking northeast.



Photo 11 – Grease trap in the Clubhouse kitchen flooring | the northwest portion of the building, looking southeast.



Photo 12 – Gas powered golf carts stored in a parking lot southwest of the Clubhouse. view southeast.



Photo 13 – 2200 L aboveground storage tank (AST) west of the golf cart storage lot, view southeast.



Photo 14 – Grillhouse building, view northwest.



Photo 15 – Air conditioning unit located on the south side of the Grillhouse.



Photo 16 – Interior of the eastern end of the Grillhouse, looking northwest.



Photo 17 – Grillhouse food prep area in the western end, looking southeast.



Photo 18 – Fenced waste management area northwest of the Clubhouse, view west.



Photo 19 – Waste cooking oil management transportation and storage containers for recycling, view east.



Photo 20 – Southeast side of the maintenance building, view north.



Photo 21 – Automotive hydraulic lift located in the southwest of the maintenance building, view southwest.

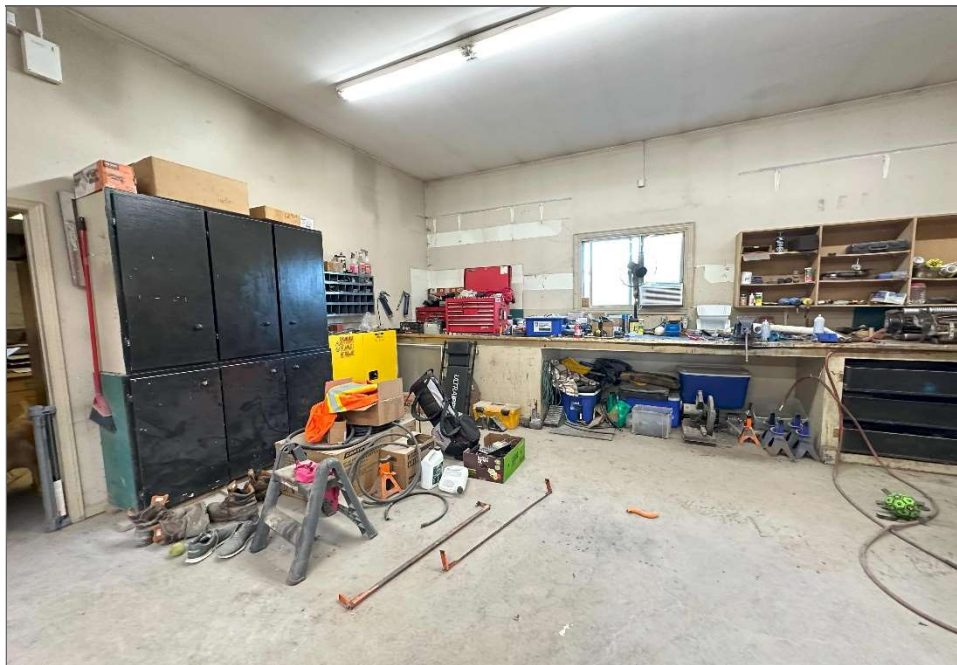


Photo 22 – Maintenance building tool storage and heavy duty acid chemical storage, view west.



Photo 23 – Maintenance building tool storage and metal working machinery, view northeast.

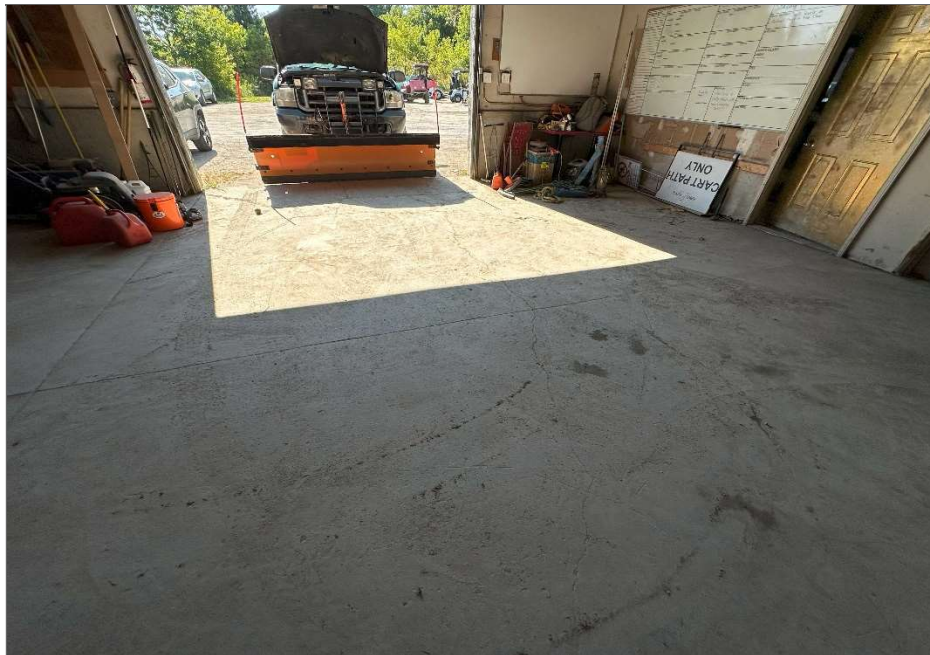


Photo 24 – Central area of the maintenance building, view south.

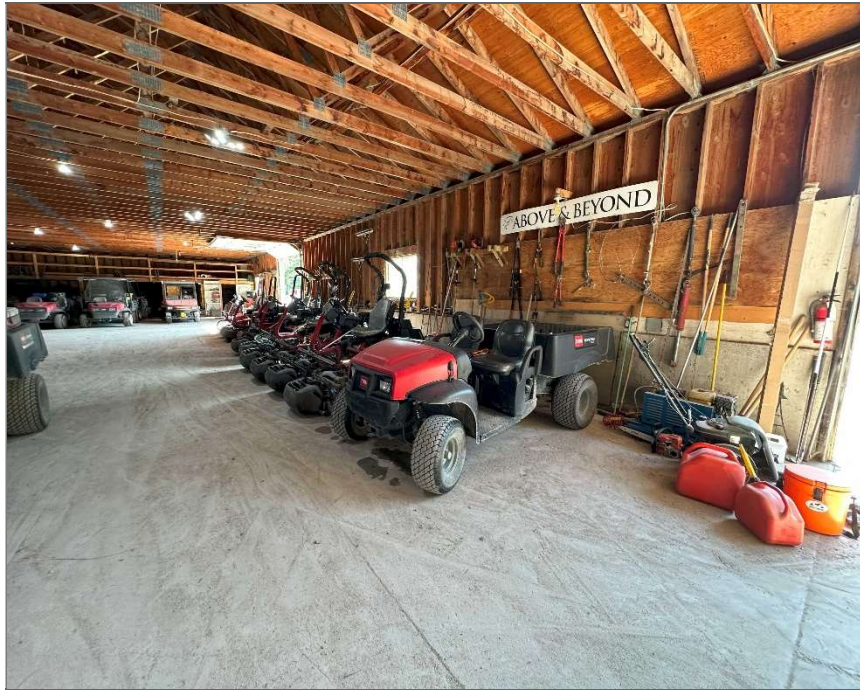


Photo 25 – Interior of the south side of the maintenance building, view east.



Photo 26 – Exterior of the chemical storage closet in the maintenance building and location of welding tanks, view west.



Photo 27 – Chemical building in the maintenance building, view west.



Photo 28 – Chemical storage closet in the maintenance building, view north.



Photo 29 – Northeastern corner of the maintenance building, view northeast.



Photo 30 – Pallets of pellet fertilizer, view northeast.



Photo 31 – Recycling bins and chemical pallet surrounded by staining and absorbant on the floor of the northern corner of the maintenance building, view north.



Photo 32 – Northwestern corner of the maintenance building, view west.



Photo 33 – Dust suppressant mix located in the northwest corner of the maintenance building, view west.



Photo 34 – Used battery storage on the northern side of the maintenance building.



Photo 35 – Well located on the eastern side of the maintenance building.



Photo 36 – Chemical use area located southwest of the maintenance building with spill capture drain, two (2) ASTs, and chemical waste storage bin, view south.



Photo 37 – Three (3) fuel storage containers in the spill capture area.



Photo 38 – Decommissioned/blocked drain in the spill capture area.



Photo 39 – Oil containers, others in the broken equipment storage area, view west.



Photo 40 – Empty oil tank in the derelict equipment storage area.



Photo 41 – Scrap/waste mechanical equipment in the derelict equipment storage area.



Photo 42 – Sod pile northwest of the derelict equipment storage area, view west.



Photo 43 – Irrigation pond and pump house near the centre of the Site, view south.



Photo 44 – Silver Creek on-Site.



Photo 45 – Silver creek on-Site.



Photo 46 – French drain entering a waterhazard and silver creek at the north edge of the site, view south.



Photo 47 – Site source water well.



Photo 48 – Site Source water well house, view northwest.

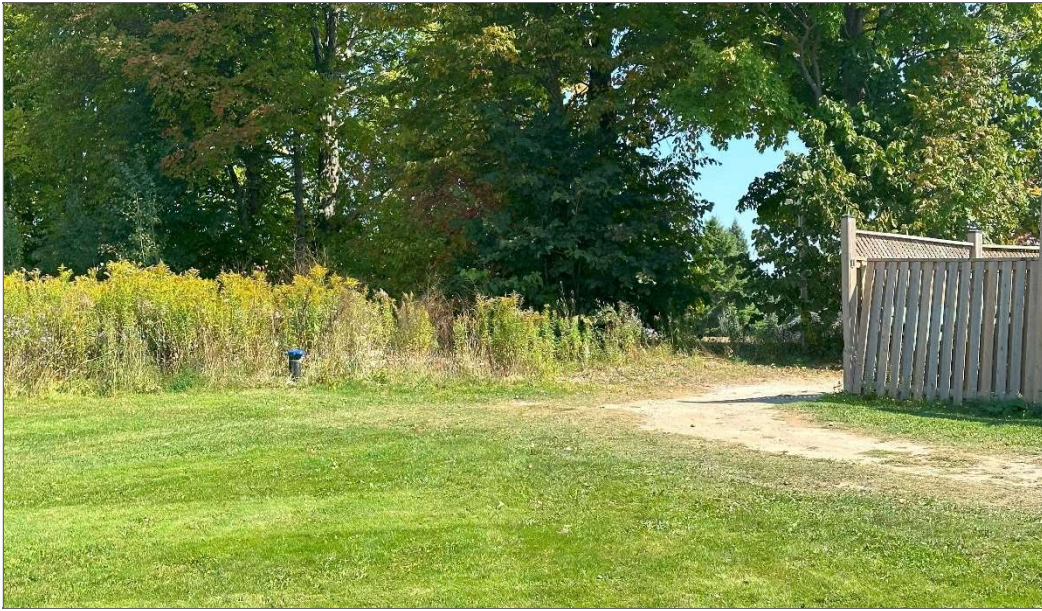


Photo 49 – Domestic water well (no longer in use) behind the fenced waste management area, view east.



Photo 50 – Flushmount monitoring well on-Site (MW10), view west.