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Phase One Environmental Site Assessment
Proposed Commercial Building
5506 Manotick Main Street
Manotick, Ontario

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Submitted to:

KGMS Construction
7116 Bank Street
Ottawa, Ontario
K0A 2P0

Phase One Environmental Site Assessment
Proposed Commercial Building
5506 Manotick Main Street
Manotick, Ontario

September 2, 2020
Project: 65032.03 - V02

experience • knowledge • integrity

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September 2, 2020 File: 65032.03 - V02

KGMS Construction
7116 Bank Street
Ottawa, Ontario
K0A 2P0

Attention: Mr. Steven Horvath

Re: Phase One Environmental Site Assessment
Proposed Commercial Building
5506 Manotick Main Street
Manotick, Ontario

Enclosed is our Phase One Environmental Site Assessment report for the proposal dated November 29, 2019. The Phase One ESA was completed in general accordance with Ontario Regulation 153/04 and describes the interpreted environmental conditions at the property based on available information and observations.

We trust this information is sufficient for your current needs. If you have any questions or require further information, please contact the undersigned.

Nicole Soucy, M.A.Sc., P.Eng
Environmental Engineer

Drew Paulusse, B.Sc.
Senior Environmental Scientist

NS/DP

Enclosures
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EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by KGMS Construction to complete a Phase One Environmental Site Assessment (ESA) for the proposed commercial development at 5506 Manotick Main Street (the 'subject property').

GEMTECs understands that the Phase One ESA is required in support of a proposed commercial development. As the property will not be changing to a more sensitive land use, the filing of a Record of Site Condition (RSC), as regulated by Ontario Regulation 153/04 under the Environmental Protection Act, is not mandatory. The Phase One ESA was conducted in general accordance with Ontario Regulation 153/04, which is the accepted standard of regulatory agencies in the absence of a mandatory RSC.

Based on review of records and the site reconnaissance, 21 Potentially Contaminating Activities (PCAs) are present at the subject property or within the study area resulting from historical / present activities identified at the subject property and study area. The PCAs identified were due to waste generators in the study area, spills in the study area, commercial automotive service businesses in the study area, and manufacturing in the study area, among others.

Two Areas of Potential Environmental Concern (APECs) were identified on the subject property and are summarized below:

APEC 1: Gasoline and Associated Products Storage in Fixed Tanks

Through a review of site reconnaissance and historical knowledge of the area it is likely that a furnace oil tank was present on the subject property for heating purposes. This APEC is also backed since the parging around the natural gas line appeared to be patched. The potentially associated contaminants of concern are metals, PHCs, and BTEX in soil, and groundwater. This APEC is present at the north extent of structure on the subject property.

APEC 2: VOC Plume

Through a review of historical documents, a VOC plume is known to be present across the downtown core of the Village of Manotick. The potentially associated contaminants of concern are VOCs in groundwater. This APEC is present across the subject property.

A Phase Two ESA is recommended to be completed for the subject property, to investigate soil and groundwater quality in the vicinity of the identified APECs and assist in the preparation of a remedial or risk management strategy for the development of the subject property, if required.

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1.0 INTRODUCTION

1.1 Background

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by KGMS Construction to complete a Phase One Environmental Site Assessment (ESA) for a proposed commercial development at 5506 Manotick Main Street (the 'subject property'). The location of the subject property is shown on Figure 1, Appendix A.

KGMS Construction is proposing a new commercial development for the property located at 5506 Manotick Main Street in Ottawa, Ontario. The proposed construction involves the demolition of the existing building and the construction of a new two-storey commercial building on the southeast side of the site, fronting onto Manotick Main Street, with at grade parking behind the building along the west portion of the subject property.

GEMTEC understands that the Phase One ESA is required as a condition of Site Plan Approval. As the property will not be changing to a more sensitive land use, the filing of a Record of Site Condition (RSC), as regulated by Ontario Regulation 153/04 under the Environmental Protection Act, is not mandatory. The Phase One ESA was conducted in general accordance with Ontario Regulation 153/04, which is the accepted standard of regulatory agencies in the absence of a mandatory RSC. The Phase One ESA was conducted by GEMTEC staff members whose qualifications are provided in Appendix B.

1.2 Phase One Property Information

The subject property is 5506 Manotick Main Street, Ottawa, Ontario, owned by Cedar Sand Holdings Inc. The location of the subject property is shown on Figure 1, Appendix A. The property is bounded by Manotick Main Street to the north and east, by Highcroft drive to the north and west, and adjacent residential properties, 1164 Highcroft Drive, and 5510 Manotick Main Street to the south.

The subject property located at 5506 Manotick Main Street, Ottawa, Ontario, has a total area of approximately 0.13 hectares (0.34 acres). The property's PIN is 04587-0071 (LT); and legal description for the subject site is PT LT 1 CON ABF N GOWER AS IN N691493; RIDEAU.

Authorization to proceed with the work was granted by Mr. Steven Horvath of KGMS Construction on December 1, 2019.

2.0 SCOPE OF INVESTIGATION

2.1 General Objectives

The Phase One ESA was conducted in general accordance with current industry standards, as outlined within the Ontario Regulation 153/04. The general objectives of the Phase One ESA were:

- To develop a preliminary determination of the likelihood of contamination in soil or groundwater at the subject property; and,
- To determine the need for a Phase Two ESA.

The general objectives were met though the evaluation of the information gathered from the review of records, an interview and a site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described below.

2.2 Records Review

The records review was conducted to obtain and review records that relate to the subject property and the surrounding lands within a 250 m radius (Phase One Study Area) to identify current and past uses and activities that may have contributed to contamination of the soil and groundwater:

- Bedrock and Overburden Geology Maps (ESRI,2011), (GNC, 2004), (Ottawa, 2019) – Overburden and bedrock geology maps provided by Ontario Basic Mapping, the Ministry of Natural Resources and Forestry, and Environmental Systems Research Institute were reviewed in order to identify the underlying soil deposits and bedrock types;
- Fire Insurance Maps and Reports (OPTA,2019) – A search of available fire insurance maps and reports was performed for the subject property and study area to confirm the development history of the study area. This information was used to assess the historical occupants in the study area, the historical presence of storage tanks, and general development. A copy of the FIP can be found in Appendix C;
- City Directories (LGI, 2019)– A city directory search was conducted for the subject site and adjacent properties using available records, in order to review the past/ present use of the subject property. A copy of the City Directory search can be found in Appendix D;
- Chain of Title (ServiceOntario, 2019)– Chain of title and ownership history for the site was reviewed to confirm the site development, ownership, and occupancy history. A copy of the Chain of Title can be found in Appendix E;
- Ecolog ERIS Databases (ERIS,2019) – The Ecolog ERIS report searches more than 50 public and private information databases to identify potential environmental concerns. An Ecolog ERIS report was obtained for the subject site and a 250-metre-buffer surrounding the subject site. A copy of the Ecolog ERIS search can be found in Appendix F

- Review of available information from regulatory agencies (i.e. Technical Standards and Safety Authority (TSSA), Records from the City of Ottawa Historical Land Use Inventory (HLUI) (Ottawa, 2019), and Local Municipal Works or Engineering Department), including a Freedom of Information search request for the subject property – These sources can provide information regarding the presence of fuel storage tanks, approvals and permits, Certificates of Approvals, Ministry of the Environment, Conservation and Parks (MECP) administrative orders (such as control orders, stop orders, remedial orders), and reports submitted to the MECP. A copy of the TSSA request response and HLUI searches can be found in Appendix G;
- GeoOttawa (Ottawa, 2019) and National Air Photo Library (NAPL, 1946, 1959, 1965, 1984) Aerial Photographs – Aerial photographs at regular intervals were obtained for the subject site and study area. The photographs were reviewed in order to identify potential environmental concerns resulting from historical land uses on the subject site and surrounding areas; A copy of the Aerial Photographs ordered from the National Sir Photo Library can be found in Appendix H;
- Mapping of Federally Contaminated Sites – Prepared by Treasury Board of Canada Secretariat (TBS, 2019) was reviewed. The interactive maps database provides an inventory of over 4,000 federally owned contaminated sites across the country, and were reviewed to identify any known brownfields on the subject property, or in the study area; and
- Ontario Inventory of PCB Storage Sites (MOE,1999) – Prepared by MECP (Waste Management Branch) was reviewed. The publication includes information of PCB storage sites collected under O.Reg 11/82 through MECP district and regional offices, and was reviewed to determine if there was a large PCB storage side identified on the subject property, or in the study area.

2.3 Interview

The objective of the interview is to assist in the identification of PCAs that may have led to APECs at the subject property.

GEMTEC was not able to interview the historical property owner and commercial tenant. However, Mr. Steven Hovarth, Consultant at KGMS Construction provided all the information that has been made available to the new owner, Cedar Sand Holdings Inc. Mr. Horvath provided to the best of his knowledge, a description of recent and past uses of the subject property and activities that could have contributed to contamination of the soil and groundwater.

2.4 Site Reconnaissance

The site reconnaissance was conducted to document current site conditions and determine if APECs are present at the subject property. The purpose of the site reconnaissance was to determine if APECs exist through observations regarding current and past uses and PCAs on, in

or under the subject property and, as practicable, current and past uses and activities and PCAs within the Phase One Study Area.

To meet the specific site reconnaissance objectives outlined above, the subject property was visually assessed to document current conditions and evaluate the potential for environmental impacts to soil and groundwater. The site was also inspected to identify if any possible preferential pathways such as underground utilities exist on the subject property that may affect the fate, transport and distribution of contaminants. Adjacent properties were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the subject property.

Photographs were taken to support observations, and are provided in Appendix I.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area was determined to include the subject property and surrounding properties located within a 250 m radius; the records review did not identify any properties of interest beyond the 250 m radius. The land uses within the study area were observed to be commercial, residential, and community use. Therefore, it was determined that the nature and extent of APECs would not change through consideration of properties outside of the 250-metre radius.

3.1.2 Surficial and Bedrock Geology

Surficial and bedrock geology maps of the Ottawa area were reviewed. Based on the review, overburden in the vicinity of the subject property generally consists of glaciomarine deposits of clay, silty clay and silt with a thickness of approximately 7 metres (ESRI, 2016). Bedrock is mapped as dolostone, minor shale and sandstone rocks of the Oxford Formation (ESRI, 2016).

3.1.3 Topography and Hydrogeology

Topographic mapping available through the Ontario Basic Mapping (OBM, 2012) and the Ministry of Natural Resources and Forestry (MNR, 2014), were reviewed to determine topographic features in the vicinity of the subject property and study area.

The elevation of the subject property is approximately 87 metres above sea level and topography at the subject site and surrounding area is generally flat sloping downward slightly to the northeast towards the Rideau River.

Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography and hydrogeological features, it is anticipated that local shallow groundwater would flow towards the northeast.

3.1.4 Water Bodies and Areas of Natural Significance

The Rideau River is situated in the study area, approximately 110 metres northeast of the subject property. No other water features, un-evaluated wetlands, or areas of natural significance were identified on the subject property, or within the study area (MNR, 2014).

3.1.5 First Developed Use Determination

According to a review of historical aerial photographs, the subject property was first developed between 1946 and 1959, and was used for agricultural purposes prior to development. Structures on the subject property were first identified in the 1959 aerial photograph.

3.1.6 Fire Insurance Plans

Fire Insurance Plans (FIPs) were available for years 1897, and 1908 for parts of the study area. The purpose of the historical plan review was to identify ASTs, USTs, and historical land uses with the potential for soil and groundwater contamination. A copy of the OPTA Information Intelligence report is included in Appendix C. All information was reviewed and the relevant highlights are summarized below.

1897/1908 Fire Insurance Plans

- No description is provided for the subject property – the FIP does not cover the subject property, it includes details only from Bridge Street southwards; and,
- Two drive sheds were identified east of the subject site within the study area.

3.1.7 City Directories

A search of the City Directories was completed by LGI Copy Service Canada for the subject property and surrounding area for the years 1992, 1996/97, 2001/02, 2006/07, and 2011. A copy of the City Directory search is provided in Appendix D. A summary of notable information identified through a review of the City Directory can be found in Table 3.1.

Table 3.1: Summary of City Directory

PCA	Address	Distance from Subject Site	Description
31. Ink Manufacturing, Processing and Bulk Storage 10. Commercial Autobody Shops	5536 Ann Street	195 metres south	1992 - M-1 Entreprises, Nine Pines Publishing 1996/97 to 2006/07 - J C Auto Service 2011 - Autobahn Tuning
10. Commercial Autobody Shops	5521 Manotick Main Street	80 metres east	1992 - Manotick Automotive & Small Engines Repair
10. Commercial Autobody Shops	5527 Manotick Main Street	140 metres southeast	1992 - Manotick Service Centre

PCA	Address	Distance from Subject Site	Description
10. Commercial Autobody Shops	1142 Clapp Lane	125 metres east	2005/06 to 2011- Doug's Truck & Automotive Ltd., Napa Auto Parts
39. Paints Manufacturing, Processing and Bulk Storage	5517 Manotick Main Street	75 metres east	2011 - Manotick Paint Store, and Appliance Advantage

3.1.8 Chain of Title

The Parcel Register Abstract for PIN is 04587-0071 (LT); and legal description for the subject site is PT LT 1 CON ABF N GOWER AS IN N691493; RIDEAU. A copy of the Parcel Register Abstracts is provided in Appendix E.

The property was transferred from J.D. Brule Investments Holdings Limited to the current owner Cedar Sand Holdings Inc. in June 2019. No PCAs and/or APECs were identified from the review of the title search.

3.1.9 Previous Environmental Reports

A Pre-Demolition Designated Substance Report survey was completed by Contaminant Solutions Environmental Consulting for the subject property in 2019.

Two publically available Phase II ESAs were reviewed as part of this review:

i. Phase II ESA completed for the Manotick Mill Quarter in 2008 by Terrapex was identified during records review. In the report, historical groundwater contamination was confirmed. The report also indicated that groundwater monitoring of a solvent plume was conducted in the area until 2001. Analytical results from the report indicate PCE (and daughter products) impacted water and metal impacted soils (Terrapex, 2008).

ii. Phase II ESA completed for 5536 Manotick Main Street, Manotick, Ontario revised in 2019 completed by CM3 Environmental Inc. The Phase II ESA included the advancement of six boreholes with four completed as monitoring wells and two completed as vapour monitoring wells. Soil and groundwater analytical results indicated PCE (and daughter products) in two of the four groundwater samples, and none of the soil samples.

Based on the distance of the identified contamination to the subject site, there is potential that existing PCE contamination will affect the subject property; results in a PCA.

3.1.10 Environmental Source Information

GEMTEC contacted Ecolog ERIS to conduct a search of over 50 public and private information databases for the subject property and the area within 250 metres of the subject property. The complete Ecolog ERIS report including a list of databases searched is provided in Appendix F.

All listings in the Ecolog ERIS report were reviewed and the relevant highlights pertaining to potentially contaminating activities are as follows:

Table 3.2: Summary of Ecolog ERIS Database

PCA #	Address / Location	Distance from Subject Property	Company / Name	Database	Description
Ot. Spill	Manotick Main Street at Bridge Street	50 metres east	S21	Ontario Spills	A 160 litre diesel fuel spill to ground occurred in 2006. Environmental impact was identified as possible soil and surface water contamination.
Ot. Spill	5511 Rideau Valley Drive North	15 metres northeast	Manotick Plaza	Ontario Spills	A 500 litre furnace oil spill to ground occurred in 1990 due to a container leak. Environmental impact was confirmed soil contamination.
Ot. Spill	5511 Manotick Main Street	15 metres northeast	Enbridge Gas Distribution	Ontario Spills	A natural gas header strike occurred in 2014. Environmental impact was confirmed air pollution.
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	5521 Manotick Main Street	80 metres east	Terrapex	Ontario Regulation 347 Waste Generators Summary	Identified as a generator of light fuels waste, oil skimmings & sludges, or undefined wastes from 2010 to 2012, and 2014 to as of Dec 2017.
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1143 Clapp Lane	125 metres east	Rideau Valley Conservation Authority	Ontario Regulation 347 Waste Generators Summary	Identified as a generator of aliphatic solvents, and acid wastes from 2003 to 2006.
28. Gasoline and Associated Products Storage in Fixed Tanks	5527 Manotick Main Street	140 metres southeast	Karl H Polsterer - Manotick Service Centre	Expired TSSA Facility, Private Retail Fuel Storage Tanks	Four liquid fuel tanks that expired between 1995 to 1997 were present at 5527 Manotick Main Street as part of a full service gas station, and service centre.

PCA #	Address / Location	Distance from Subject Property	Company / Name	Database	Description
10. Commercial Autobody Shops					
Ot. Spill	Mill Street at Manotick Main Street	130 metres southeast	Bell Canada	Historical TSSA Incident, Ontario Spill	A petroleum product was identified in a Bell Canada conduit tunnel in 2008. Environmental impact was not anticipated.
Ot. Spill	1168 Maple Street	165 metres south	-	Historical TSSA Incident	A natural gas pipeline strike occurred in 2006 due to human error.
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	1168 Maple Street	165 metres south	Giant Tiger Store #78	PES	Registered as a pesticide vendor.
19. Electronic and Computer Equipment Manufacturing	5497 Colony Heights Road	175 metres southwest	BINOMIAL International Inc.	Scott's Manufacturing Directory	Registered as administrative management consulting services, software publishers, other scientific and technical consulting services, computer system design and related services, other scientific and technical consulting services, and other management consulting services in 1972.
37. Operation of Dry Cleaning Equipment (where chemicals are used) 58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1125 Clapp Lane	180 metres northeast	City of Ottawa	Ontario Regulation 347 Waste Generators Summary	Location described as dry cleaning and laundry services with aliphatic solvent wastes in 2007, 2008, 2009, and 2011.

PCA #	Address / Location	Distance from Subject Property	Company / Name	Database	Description
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Rideau Valley Drive at Manotick Main Street	240 metres northwest	City of Ottawa	Ontario Regulation 347 Waste Generators Summary	Identified as a generator of petroleum distillates, and waste oils & lubricants from 1988 to 1990. Identified as a generator of petroleum distillates, waste oils & lubricants, and aliphatic solvents in 1994, and 1995. Identified as a generator of light fuels, and halogenated solvent wastes in 2009, and 2010.

The unplottable report summary was reviewed to determine if any of the records were located on the subject property or within the study area. Five of the entries were identified as notable and have been summarize above, many of the other entries were only located geographically by concession, lot number, or company due to the uncertainty related to the entries these activities, in most cases could not be confirmed present within the study area.

3.2 Regulatory Information

3.2.1 Freedom of Information

A Freedom of Information (FOI) request for any records on the subject property was sent to the MECP on December 5, 2019. FOI responses consist of data from the Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch.

A response letter was received from the MECP indicating that after a search through the Ministry of Ottawa's District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located with respect to the subject site.

3.2.2 Technical Safety and Standards Authority

The TSSA was contacted on November 14, 2019, to conduct a search of the subject property (5506 Manotick Main Street) and the properties in the study area located at 5494, 5497, 5510, 5511, 5521, 5524, and 5527 Manotick Main Street; 5536 Ann Street; 1145 Bridge Street; 1142 Clapp Lane; 1171 Maple Avenue; and, 1142 Tighe Street in Ottawa, Ontario. The TSSA indicated that they do not records at the requested addresses.

3.2.3 City of Ottawa

The City of Ottawa was contacted in November 5, 2019, to provide information from the Planning, Transit and the Environment Departments and from the Historical Land Use Inventory (HLUI). A response from the City of Ottawa was received, based on a review of the HLUI information, the selected activities identified as being associated with potential environmental concerns are listed in Table 3.3. The complete HLUI report including a list of databases searched is provided in Appendix G.

Table 3.3: Summary of City of Ottawa Historical Land Use Inventory

PCA	Company Name	Location	Distance from Subject Property	Facility Type	Reference Year(s)
37. Operation of Dry Cleaning Equipment (where chemicals are used)	Long Island Cleaners	5528 Main Street	150 metres southeast	Laundries and Cleaners	1994
10. Commercial Autobody Shops	McNeil Motors Sales Manotick	5521 Manotick Main Street	80 metres east	Motor Vehicle Repair Shops	1998-1999, 2001, 2005
10. Commercial Autobody Shops	J.C. Auto Service	5536 Ann Street	195 metres south	Motor Vehicle, Wholesale	1995-1999, 2001, 2005
10. Commercial Autobody Shops	Doug's Truck & Automotive	1142 Clapp Lane	160 metres southeast	Motor Vehicle Parts and Accessories, Wholesale	2001
39. Paints Manufacturing, Processing and Bulk Storage	Manotick Paint Store	5517 Manotick Main Street	75 metres east	Lumber and Building Materials, Wholesale	2001

3.2.4 Mapping of Federally owned Contaminated Sites

A Government of Canada, Treasury Board of Canada Secretariat, interactive map of contaminated sites was reviewed. The database did not identify any federally owned contaminated sites within the study area.

3.2.5 Ontario Inventory of PCB Storage Sites

The Waste Management Branch of the Ontario Ministry of the Environment, Conservation and Parks published an Ontario Inventory of PCB Storage Sites in October 1991 (MOE, 1991). The database did not identify any addresses within the study area as having PCB storage on site.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs available from the National Air Photo Library (NAPL) were reviewed for 1946, 1959, 1965, and 1984 and can be found in Appendix H, photographs from 1976, 1999, 2008, and 2017 were reviewed from GeoOttawa (GeoOttawa, 2000) but are not included as part of this report due to copyright limitations. Aerial photographs were reviewed to evaluate development progress and potential environmental liabilities, associated with the subject property and surrounding lands. A summary of the aerial photograph information is provided in Table 3.4.

Table 3.4: Aerial Photograph Review

Date	Source	Observations
1946	NAPL	• The subject property and most of the study area appears to be used for agricultural purposes; • The Rideau River can be seen northeast of the subject site in the study area; • Roadways currently known as Manotick Main Street and Bankfield Road are already developed on the subject property; and, • Rural residential dwellings and farm buildings are visible in the study area.
1959	NAPL	• A structure has been developed on the subject property; • Significant residential, and commercial development has occurred in the study area; and, • What is currently known as Highcroft Drive has been developed on the subject property.
1965	NAPL	• Additional residential and commercial development has occurred in the study area; and, • Part of the building currently used for Pro Tech Automotive has been developed south of the subject site.
1976	GeoOttawa	• Additional residential and commercial development has occurred in the study area; and, • The building currently used for Pro Tech Automotive south of the subject site has been further developed.
1984	NAPL	• Additional residential and commercial development has occurred in the study area.
1999	GeoOttawa	• Additional residential and commercial development has occurred in the study area.
2008	GeoOttawa	• No significant changes from the 1999 Aerial Photograph.
2017	GeoOttawa	• A large residential development has occurred east of the subject property; and, • An additional commercial building has been constrcted east of the subject property.

3.3.2 Fill Materials

No fill material of unknown was identified on the subject site through a review of the aerial photographs or during the site reconnaissance.

3.3.3 Well Records

Water well records were obtained from the MECP for the subject property and the study area. In total, 134 water well records were identified within the study area. The records were for 114 water supply wells (domestic, commercial, public, municipal, and livestock) five abandoned wells, 11 monitoring wells/ test holes, one recharge well, one observation well, and two alteration records to a domestic well. The approximate locations of the well records, based on UTM coordinates provided on the Water Well Record submitted under the Well Driller Act in Figure A.3, Appendix A.

The records indicated that the geology primarily consists of clay, from surface to depths of between 0 and 30 mbgs followed by primarily limestone bedrock encountered to depths of between 4 and 55 mbgs. The average static groundwater level identified in the wells was 5.1 mbgs.

3.4 Site Operating Records

Operating records were not available for the subject property.

4.0 INTERVIEW

A formal interview was not completed as the historical property owner and commercial tenant was not available for discussion. Steven Horvath, a consultant at KGMS provided all the information that has been made available to the new owner, Cedar Sand Holdings Inc. Mr. Hovarth discussed the site in person with GEMTEC on December 10, 2019, to gain insight into the history and operations at the subject property. Mr. Horvath indicated the following information:

- The structure on the subject property is currently a vacant – but has been used previously as a lawyers office by Mr. David Hamilton;
- Mr. Horvath indicated that the structure has been vacant for a number of years and that there is significant water damage and flooding in the basement;
- Mr. Horvath confirmed that the current heating method of the subject property is natural gas – although he was not aware of the historical heating methods;
- Mr. Horvath indicated that be believes a historic septic bed is present on the subject site along the south/southwest boundary of the structure; and,
- Mr. Horvath confirmed that there has been a building substance survey completed for the subject property – the report was provided to GEMTEC for review.

5.0 SITE RECONNAISSANCE

5.1 General Site Conditions

On December 10, 2019, between the hours of 3:30 pm and 4:30 pm, GEMTEC visited the subject property and conducted the site reconnaissance. The study area was assessed in a systematic manner by walking the project extents and recording visual and olfactory observations. The weather at the time of the site reconnaissance was overcast and the air temperature was approximately -8°C. Photographs taken during the site reconnaissance are presented in Appendix I, and are summarized in Table 5.1 below.

Table 5.1: Summary of Site Photographs

Plate Number	Compass Orientation	Description
I1	Northeast, and southwest	Mould was identified in all rooms/ areas of the structure on the subject site. Water damage was also identified on the ceiling in the bathroom
I2	Southeast	Flooded basement identified during the site reconnaissance.
I3	Southwest	Light ballasts possibly containing mercury were identified within the structure on the subject property.
I4	Northwest	Ditches along the roadways adjacent to the subject property and within the study area.
I5	Northwest	Pad mounted transformer identified on a property parcel east of the subject property.
I6	Southeast	A garage identified in the study area.

At the time of the site visit, the structure on the subject property was vacant.

5.2 Adjacent Lands

Adjacent properties were viewed from the subject property and publicly accessible boundaries to assess the potential for uses to adversely affect the subject property. The following adjacent properties were observed:

North: Commercial, followed by a community roadway and body of water.

South: Residential, and commercial with a community roadway.

East: Commercial with a community roadway.

West: Residential and commercial with a community roadway.

5.3 Site Reconnaissance Limitations

Significant flooding was identified in the basement, accordingly, the site reconnaissance of the basement was completed through visual observations from the stairwell.

5.4 Hazardous Materials

5.4.1 Lead

Under the federal Hazardous Products Act, the lead content in interior paint was limited to 0.5% by weight in 1976. After 1980, lead was not used in interior paints; however, exterior paints may

have still contained lead. All consumer paints produced and imported into Canada were virtually lead-free as of 1992.

Based on the anticipated year of construction (between 1946, and 1959), lead based paints may have been used and may be present on the subject property.

5.4.2 Mercury

Mercury is commonly found in thermostats and electrical switches, as well as mercury vapour-containing fluorescent light bulbs.

Fluorescent light bulbs were observed at the time of site reconnaissance.

5.4.3 Storage Tanks

No storage tanks were observed on the site during the site reconnaissance; however, parging around the natural gas line appeared to be patched. Based on the age of the structure and timing of natural gas introduced in the area, it is likely that a furnace oil tank was present on the subject property for heating purposes. PCA 28: Gasoline and Associated Products Storage in Fixed Tanks.

5.4.4 Polychlorinated Biphenyl (PCBs)

From the 1930s to the 1970s, PCBs were used to make coolants and lubricants for certain kinds of electrical equipment, including transformers and capacitors, and were widely used in a number of industrial materials including sealing and caulking compounds, inks, and paint additives. PCBs are an environmental concern as they do not readily degrade and have been identified to bio-accumulate. In Canada, the Federal Environmental Contaminants Act (1976) prohibited the use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, the storage and disposal of PCB waste materials is regulated.

No transformers were identified on the subject property at the time of site reconnaissance. Pole and pad mounted transformers were identified in the study area. The transformers appeared to be in good condition with no evidence of leaking.

5.4.5 Asbestos Containing Materials (ACM)

Asbestos has been used in many products in buildings and continues to be used in some building products today. Two categories of asbestos were used in building construction (i) non-friable asbestos-containing materials (ACMs), and (ii) friable ACMs. Products that contain non-friable (hard or non-crumbly) asbestos include floor tiles, cement sheeting and pipes, motor vehicle brakes, and roofing materials. The use of these products has declined significantly since the 1970s; however, these products are still legal and are still used in Canada today. Friable asbestos materials can be crumbled, pulverized, or reduced to powder by hand pressure. Due to the softer nature of these products, the fibres can more readily be released to the air where they can be

inhaled. Most friable products were withdrawn from the Canadian market in the 1970s, and production of friable products ceased, and they were commercially unavailable by 1982. However, it was not until 1985 that provincial regulatory bodies enforced a complete ban on friable asbestos products. Common friable products included sprayed fireproofing, sprayed acoustic or decorative finishes, and thermal insulation on piping or mechanical systems.

Based on the anticipated year of construction (between 1946, and 1959), ACMs may have been used during development.

5.4.6 Urea Formaldehyde Foam Insulation (UFFI)

UFFI became an insulation product for existing houses in Canada in the 1970s; however, it was banned in Canada in 1980 under the Hazardous Products Act. UFFI can begin to deteriorate if exposed to water and moisture, and its degradation can also result in formaldehyde gas emissions.

Based on the anticipated year of construction (between 1946, and 1959), UFFI may be have been used during development.

5.4.7 Solid Waste Disposal Practices

No waste or disposal locations were identified on the subject property at the time of site reconnaissance. Regular municipal waste collection is available in the study area.

The Ministry of Environment, Conservation, and Parks landfill sites identified in Ontario (MECP, 2019) was reviewed, and no landfills were identified on the subject property, or in the study area.

5.4.8 Ozone Depleting Substances

In 1998, the Federal government filed the Ozone-Depleting Substances Regulations. The Regulations reflect Canada's commitment to meet its requirements under the Montreal Protocol on Substances that Deplete the Ozone Layer. The Montreal Protocol is an international agreement signed by over 180 countries to control the production and exchange of certain ozone-depleting substances. The Regulations are intended to further reduce emissions of ozone-depleting substances. The Regulations were amended in 2001, 2002, and 2004.

No ozone depleting substances were identified during the site reconnaissance.

5.4.9 Radon Gas

Radon is a colourless, tasteless radioactive gas with a very short half-life of 3.8 days. The health risk potential of radon is associated with its rate of accumulation within confined areas, particularly confined areas near or in the ground, such as basements, where vapours can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure.

Based on GEMTECs review of the map entitled 'Radon Potential Map Ontario', the subject property is within a guarded potential radon hazard area (REMC, 2011).

Actual radon concentrations can only be determined using Long-term Measurement techniques, as described within Health Canada's 'Guide for Radon Measurements in Public Buildings' document (Health Canada, 2016).

5.5 Unidentified Substances

No unidentified substances were identified at the time of the site reconnaissance.

5.6 Odours

A significant mold/ mildew odour was identified in the structure at the time of site reconnaissance.

5.7 Water, Wastewater and Storm Water

No water, wastewater or storm sewers were identified on the subject property at the time of site reconnaissance. However, based on mapping provided by The City of Ottawa, municipal services are available along Manotick Main Street.

One private water well was identified on the subject property through a review of water well records – the well was not identified during the site reconnaissance. The well on site was advanced in 1958, and was recorded as a domestic water source.

5.8 Pits, Ponds and Lagoons

No ponds, pits, or lagoons were observed on the subject site at the time of the site reconnaissance.

5.9 Stained Materials and Stressed Vegetation

No stained materials and stressed vegetation were observed at the time of the site visit.

5.10 Watercourses, Ditches or Standing Water

Ditches were identified on the subject property and along the roadway in the study area at the time of site reconnaissance.

5.11 Issues of Potential Environmental Concern

An off-site PCA was identified during the site reconnaissance: 10. Commercial Autobody Shops at 5536 Ann Street.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

A summary of the current and past uses for the subject property is provided in Table 6.1.

The property was transferred J.D. Brule Investments Holdings Limited to the current owner Cedar Sand Holdings Inc. in June 2019.

Table 6.1: Current and Past Uses of the Subject Property

Year	Name of Owner	Property Use
2019 to Present	Cedar Sand Holdings Inc.	Commercial Use
Prior to 2019	J.D. Brule Investments Holdings Limited	Agricultural/ Commercial Use

6.2 Potentially Contaminating Activities

The Phase One ESA, identified 23 PCAs within the study area which are summarized in Table 6.2 and identified on Figure 2 within Appendix A.

Table 6.2: Summary of PCAs Identified within the Study Area

Description of PCA	Address of PCA	Distance From Subject Property	Data Source	PCA Resulted in APEC (Yes or No)	Rationale
28. Gasoline and Associated Products Storage in Fixed Tanks	5506 Manotick Main Street	On the site	Site Reconnaissance	Yes	Based on historical tanks being present on the subject site
Ot. VOC Plume	Manotick Downtown Core	Across the study area	Records Review	Yes	Based on a known VOC plume present within the downtown core of the Village of Manotick
Ot. Spill	5511 Rideau Valley Drive North	15 metres northeast	ERIS	No	Based on anticipated groundwater flow direction
Ot. Spill	5511 Manotick Main Street	15 metres northeast	ERIS	No	Based on anticipated groundwater flow direction
Ot. Spill	Manotick Main Street at Bridge Street	50 metres east	ERIS	No	Based on anticipated groundwater flow direction
39. Paints Manufacturing,	5517 Manotick Main Street	75 metres east	City Directory, HLUI	No	Based on anticipated

Description of PCA	Address of PCA	Distance From Subject Property	Data Source	PCA Resulted in APEC (Yes or No)	Rationale
Processing and Bulk Storage					groundwater flow direction
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	5521 Manotick Main Street	80 metres east	ERIS	No	Based on anticipated groundwater flow direction
10. Commercial Autobody Shops	5521 Manotick Main Street	80 metres east	City Directory, HLUI	No	Based on anticipated groundwater flow direction
10. Commercial Autobody Shops	1142 Clapp Lane	120 metres east	City Directory	No	Based on distance to subject site and anticipated groundwater flow direction
37. Operation of Dry Cleaning Equipment (where chemicals are used)	1143 Clapp Lane	125 metres east	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1143 Clapp Lane	125 metres east	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction
Ot. Spill	Mill Street at Manotick Main Street	130 metres southeast	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction
28. Gasoline and Associated Products Storage in Fixed Tanks	5527 Manotick Main Street	140 metres southeast	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction
10. Commercial Autobody Shops	5527 Manotick Main Street	140 metres southeast	ERIS, City Directory	No	Based on distance to subject site and anticipated

Description of PCA	Address of PCA	Distance From Subject Property	Data Source	PCA Resulted in APEC (Yes or No)	Rationale
					groundwater flow direction
37. Operation of Dry Cleaning Equipment (where chemicals are used)	5528 Main Street	150 metres southeast	HLUI	No	Based on distance to subject site and anticipated groundwater flow direction
10. Commercial Autobody Shops	1142 Clapp Lane	160 metres southeast	HLUI	No	Based on distance to subject site and anticipated groundwater flow direction
Ot. Spill	1168 Maple Street	165 metres south	ERIS	No	Based on distance to subject site
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	1168 Maple Street	165 metres south	ERIS	No	Based on distance to subject site
19. Electronic and Computer Equipment Manufacturing	5497 Colony Heights Road	175 metres southwest	ERIS	No	Based on distance to subject site
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1125 Clapp Lane	180 metres northeast	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction
31. Ink Manufacturing, Processing and Bulk Storage	5536 Ann Street	195 metres south	City Directory	No	Based on distance to subject site
10. Commercial Autobody Shops	5536 Ann Street	195 metres south	City Directory, HLUI	No	Based on distance to subject site
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Rideau Valley Drive at Manotick Main Street	240 metres northwest	ERIS	No	Based on distance to subject site and anticipated groundwater flow direction

6.3 Areas of Potential Environmental Concern

GEMTEC identified two APECs at the subject property resulting from one on-site PCA, and one off-site PCA with a potential to result in contamination in soil and/or groundwater on the subject property, as summarized in Table 6.3 below and Figure 2 within Appendix A.

Table 6.3: Areas of Potential Environmental Concern

APEC #	PCA and Location	Location of APEC on Phase One Property	Contaminants of Potential Concern	Media Potentially Impacted
1	28. Gasoline and Associated Products Storage in Fixed Tanks	North extent of structure on the subject property	Metals PHC BTEX	Soil & Groundwater
2	Ot. VOC Plume	Across the subject property	VOC	Groundwater

A summary and description of the determined areas of potential environmental concern and the contaminants of potential concern are provided in the following sections:

6.3.1 APEC 1: Gasoline and Associated Products Storage in Fixed Tanks

Through a review of site reconnaissance and historical knowledge of the area it is likely that a furnace oil tank was present on the subject property for heating purposes. This APEC is also backed since the parging around the natural gas line appeared to be patched. The potentially associated contaminants of concern are metals, PHCs, and BTEX in soil, and groundwater. This APEC is present at the north extent of structure on the subject property.

6.3.2 APEC 2: VOC Plume

Through a review of historical documents, a VOC plume is known to be present across the downtown core of the Village of Manotick. The potentially associated contaminants of concern are VOCs in groundwater. This APEC is present across the subject property.

6.4 Phase One Conceptual Site Model

Based on the historical review and site reconnaissance, GEMTEC concludes that there is potential for soil or groundwater contamination at the subject property. Information presented in this report that contributes to the development of the CSM is presented as applicable in Figures 2, and 3 and is summarized as follows.

- Records identified a total of 134 water well records were identified within the study area. The records were for 114 water supply wells (domestic, commercial, public, municipal,

and livestock), five abandoned wells, 11 monitoring wells/ test holes, one recharge well, one observation well, and two alteration records to a domestic well;

- The subject property and study area is serviced with gas and electricity. Private water wells and septic systems are common on this area, although municipal services are available along Manotick Main Street;
- The subject property is currently a vacant structure historically used as a lawyers office;
- The elevation of the subject property is approximately 87 metres above sea level and topography at the subject site and surrounding area is generally flat sloping downward slightly to the north/east;
- The Rideau River is situated in the study area, approximately 110 metres northeast of the subject property. No other water features, un-evaluated wetlands, or areas of natural significance were identified on the subject property, or within the study area;
- Surficial and bedrock geology maps of the Ottawa area were reviewed. Based on the review, overburden in the vicinity of the subject property generally consists of glaciomarine deposits of clay, silty clay and silt with a thickness of approximately 7 metres. Bedrock is mapped as dolostone, minor shale and sandstone rocks of the Oxford Formation; and,
- Based on the review of records, interviews and the site reconnaissance completed as part of the Phase One ESA, GEMTEC identified 23 PCAs and two APECs for the study area.

Information considered for the development of this CSM was gathered from numerous sources (i.e. aerial photographs, city directories, environmental database searches, physical setting sources, interviews and a site reconnaissance) which reduces the potential for not identifying a former property use or PCA.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on review of records and the site reconnaissance, potential environmental concerns are present at the subject property resulting from historical / present activities and PCAs identified at the subject property and study area. These PCAs resulted in the identification of two APECs on the subject property, the APECs are summarized below:

APEC 1: Gasoline and Associated Products Storage in Fixed Tanks

Through a review of site reconnaissance and historical knowledge of the area it is likely that a furnace oil tank was present on the subject property for heating purposes. This APEC is also backed since the parging around the natural gas line appeared to be patched. The potentially associated contaminants of concern are metals, PHCs, and BTEX in soil, and groundwater. This APEC is present at the north extent of structure on the subject property.

APEC 2: VOC Plume

Through a review of historical documents, a VOC plume is known to be present across the downtown core of the Village of Manotick. The potentially associated contaminants of concern are VOCs in groundwater. This APEC is present across the subject property.

A Phase Two ESA is recommended to be completed for the subject property, to investigate soil and groundwater quality in the vicinity of the identified APECs and assist in the preparation of a remedial or risk management strategy for the development of the subject property, if required.

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

Nicole Soucy, M.A.Sc., P.Eng
Environmental Engineer

Drew Paulusse, B.Sc.
Senior Environmental Scientist

8.0 LIMITATIONS OF LIABILITY

This Phase One ESA was carried out in general accordance with O.Reg 153/04. The results of this Phase One ESA should in no way be construed as a warranty that the subject property is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of KGMS Construction and is based on data and information collected during the Phase One ESA of the property conducted by GEMTEC Consulting Engineers and Scientists Limited. This report may not be relied upon by any other person or entity without the express written consent of GEMTEC Consulting Engineers and Scientists Limited, and KGMS Construction. In evaluating this site, GEMTEC Consulting Engineers and Scientists Limited has relied in good faith on information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others.

The assessment of environmental conditions and possible site hazards presented has been made using the available historical and technical data collected and provided by others. The conclusions provided herein represent the best judgment of GEMTEC Consulting Engineers and Scientists Limited based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities.

The scope of the Phase One ESA is sufficient to identify existing and/or potential environmental liabilities that are obvious from visual examination of surface features and from available sources of information. This level of work is a method of risk reduction, not risk elimination. No building materials, water, liquid, gas, products or chemical sampling and/or testing on or in the vicinity of the subject property was carried out as part of this assessment. The Phase One ESA does not include a program of intrusive observation/testing. These activities would be carried out as part of a Phase Two ESA. This environmental assessment included only a cursory overview of the neighbouring land uses from public right of ways and from the subject property and does not constitute a complete assessment of the adjacent sites.

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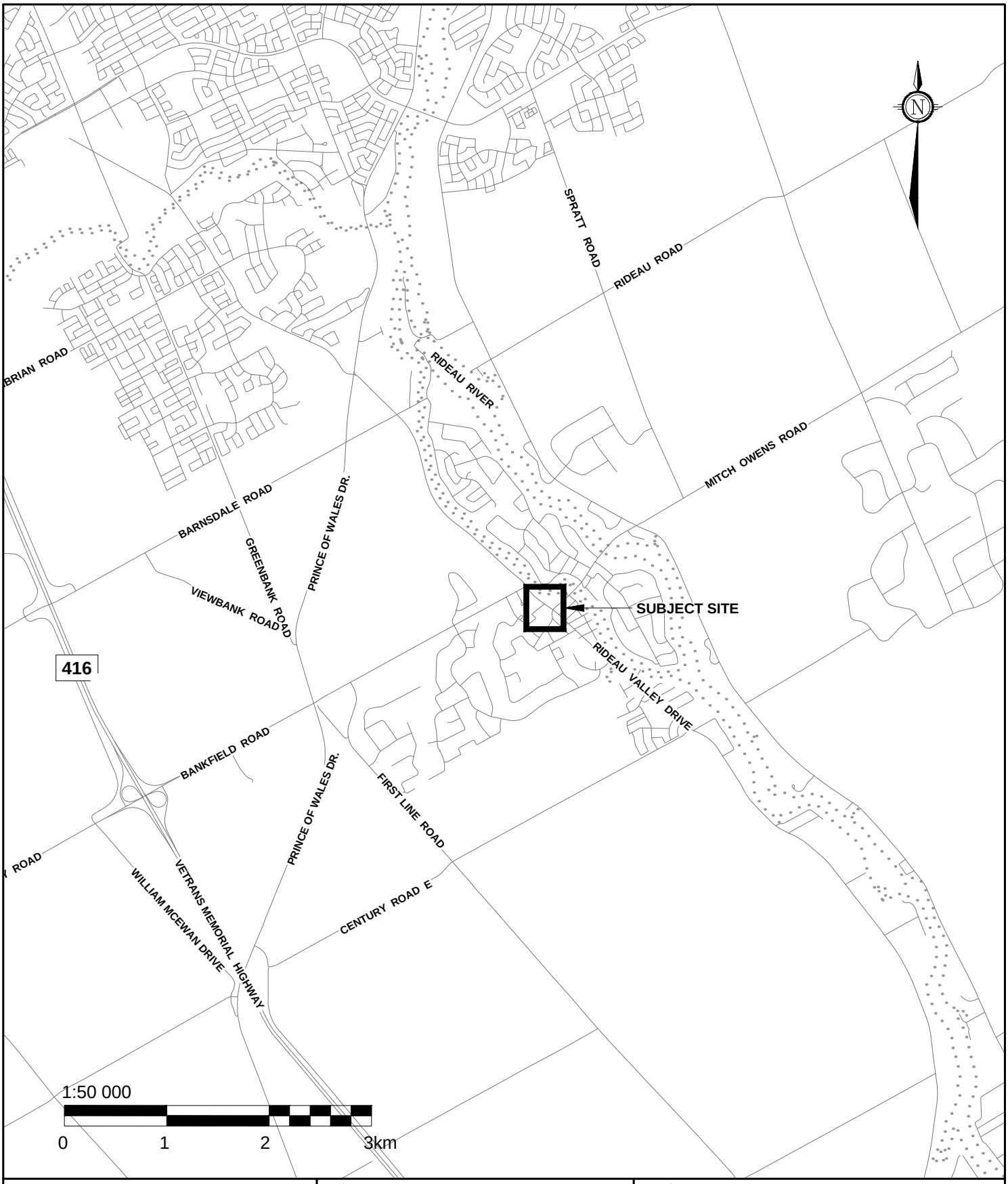
APPENDIX A

Figures



GEMTEC
Consulting Engineers and Scientists

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Project	Drawing
PHASE ONE ESA 5506 MANOTICK MAIN ST. OTTAWA, ONTARIO	KEY PLAN

Drwn By	Chkd By	Date	Project No.	Revision No.	
P.C.	N.S.	JANUARY 2020	65032.03	0	**FIGURE A.1**

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LEGEND

SUBJECT SITE

STUDY AREA, 120m AROUND PROPERTY BOUNDARY

POTENTIALLY CONTAMINATING ACTIVITIES (PCA)

10	COMMERCIAL AUTOBODY SHOPS
19	ELECTRONIC AND COMPUTER EQUIPMENT MANUFACTURING
28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
31	INK MANUFACTURING, PROCESSING AND BULK STORAGE
37	OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)
39	PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE
40	PESTICIDES (INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS) MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS
58	WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS

OTHER PCAs

A	SPILL
B	VOC VOLUME (EXACT LOCATION UNKNOWN)

Scale 1:2500

0 50 100 150m

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Drawing: STUDY AREA PLAN

Client: KGMS CONSTRUCTION

Project: 65032.03

Drwn by: P.C.

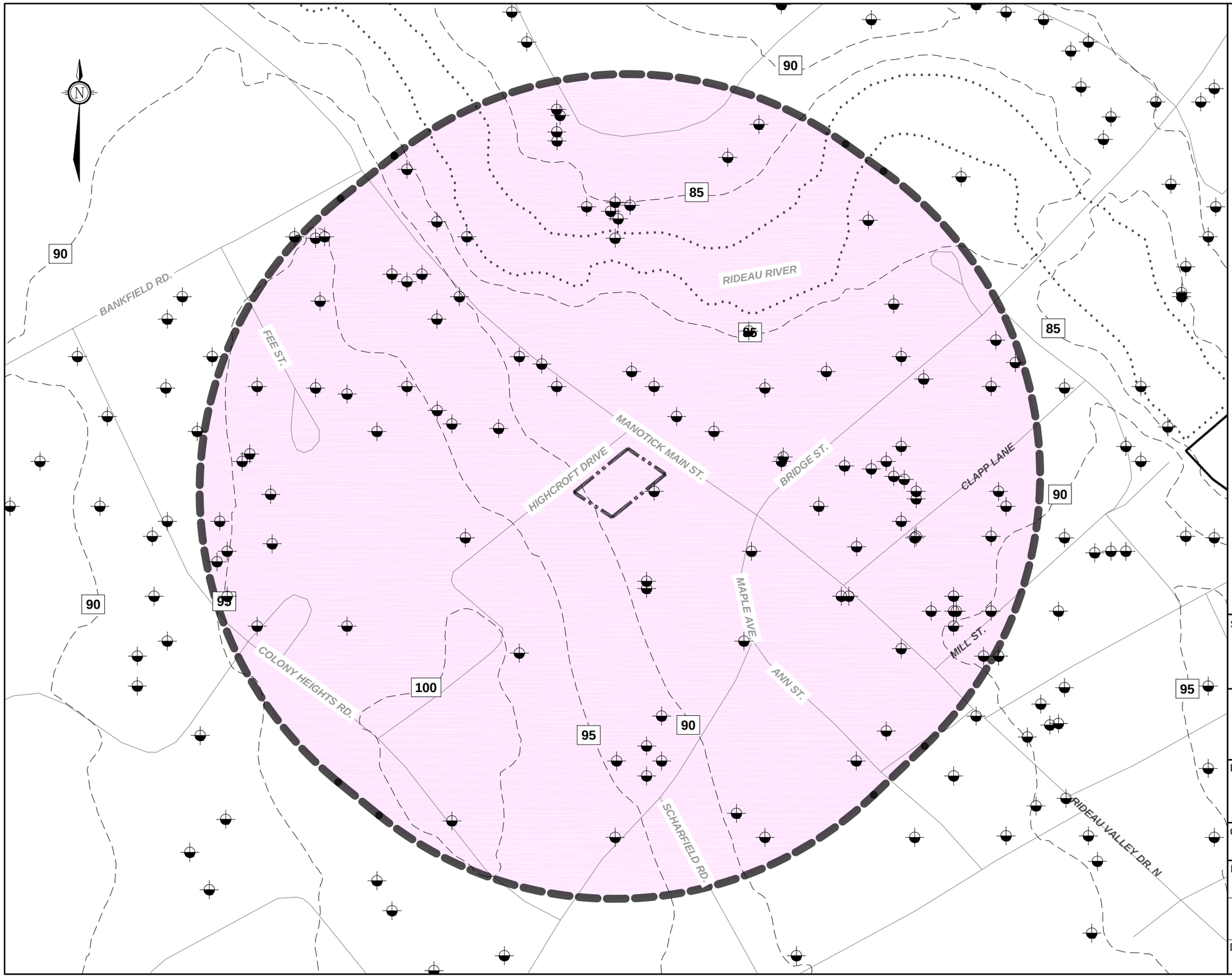
Chkd by: N.S.

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5506 MANOTICK MAIN ST.
OTTAWA, ONTARIO

Date: JANUARY 2020

Rev. 0

FIGURE A.2



LEGEND

SUBJECT SITE

STUDY AREA, 250m AROUND PROPERTY BOUNDARY

100 — CONTOUR INTERVAL, IN METRES

WATER BODIES

Scale 1:2500

0 50 100 150m

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Drawing: STUDY AREA PLAN

Client: KGMS CONSTRUCTION

Project: 65032.03

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5506 MANOTICK MAIN ST.
OTTAWA, ONTARIO

Drwn by: P.C.

Chkd by: N.S.

Date: JANUARY 2020

Rev.: 0

FIGURE A.2

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APPENDIX B

Qualifications of Assessors

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QUALIFICATION OF ASSESSORS

Nicole Soucy, M.A.Sc., P.Eng – Environmental Engineer

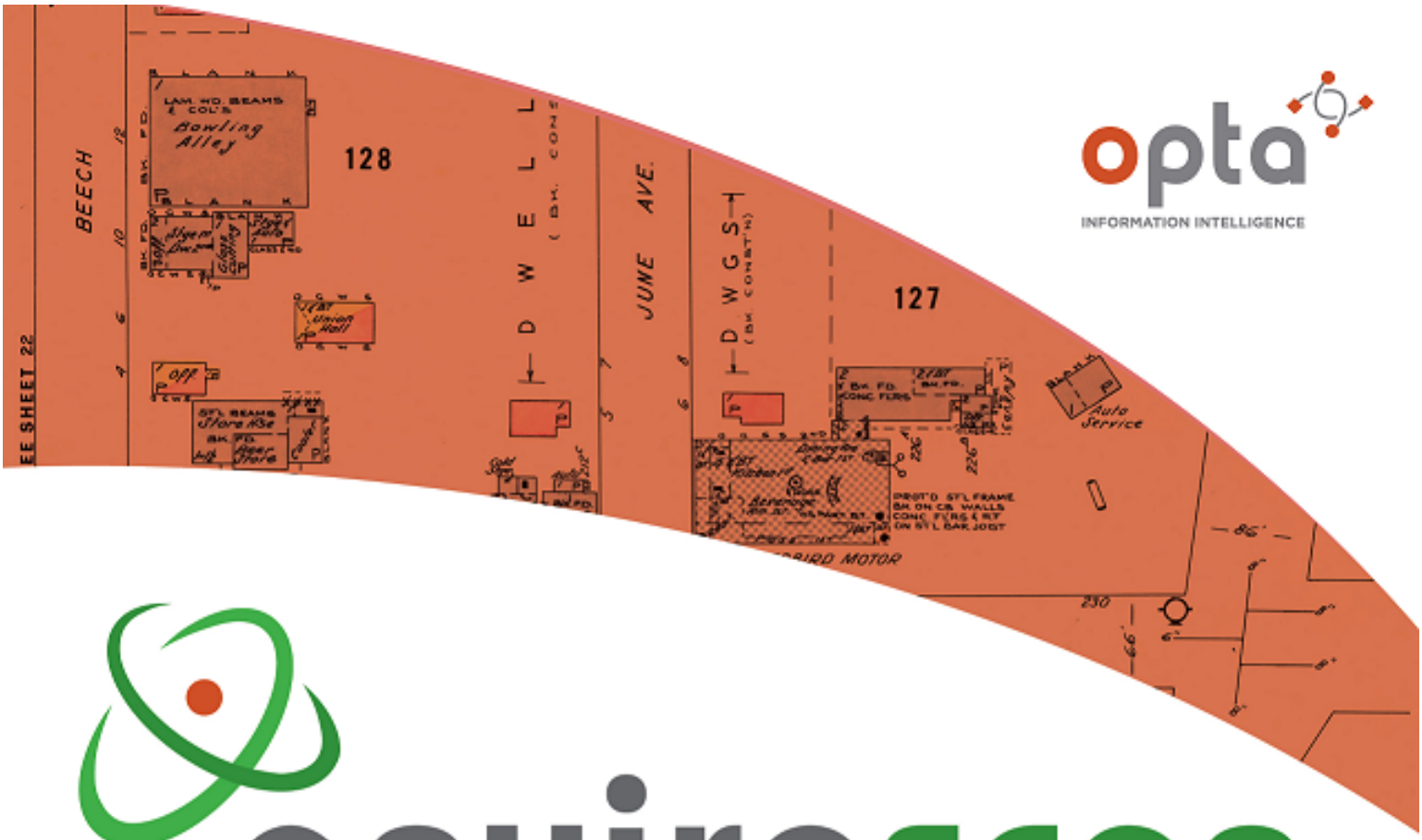
The primary assessor for this Phase One Environmental Site Assessment was Nicole Soucy, a registered Professional Engineer in the Province of Ontario. Ms. Soucy has a formal education, which includes a Bachelor of Applied Science with a major in Civil Engineering. She has further specialized in environmental assessment while completing her Masters of Applied Science in Civil Engineering specializing with contamination. This formal education has provided her with the knowledge and expertise to identify sources of environmental concern and evaluate their potential to cause environmental contamination.

Drew Paulusse, B.Sc. – Senior Environmental Scientist, Manager of Environmental Services

The Phase One Environmental Site Assessment was carried out under the supervision of Mr. Drew Paulusse, a qualified person for risk assessments as defined by O.Reg. 153/04. Mr. Paulusse ensured that the Phase One Environmental Site Assessment has been carried out to meet the general objectives and requirements of CSA Standard Z768-01. Mr. Paulusse is the Manager of Environmental Services at GEMTEC Consulting Engineers and Scientists Ltd. and has over 12 years of experience in the completion of Phase One Environmental Site Assessments and Human and Ecological Risk Assessments.

APPENDIX C

Fire Insurance Plans



enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
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Report Completed By:

Swati

Site Address:

5506 Manotick Main StreetManotick On Canada

Project No:

20191129002

Opta Order ID:

68845

Requested by:

Eleanor Goolab
ERIS

Date Completed:

12/5/2019 12:12:48 PM

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Project #: 20191129002
P.O. #: 65032.03

ENVIROSCAN Report

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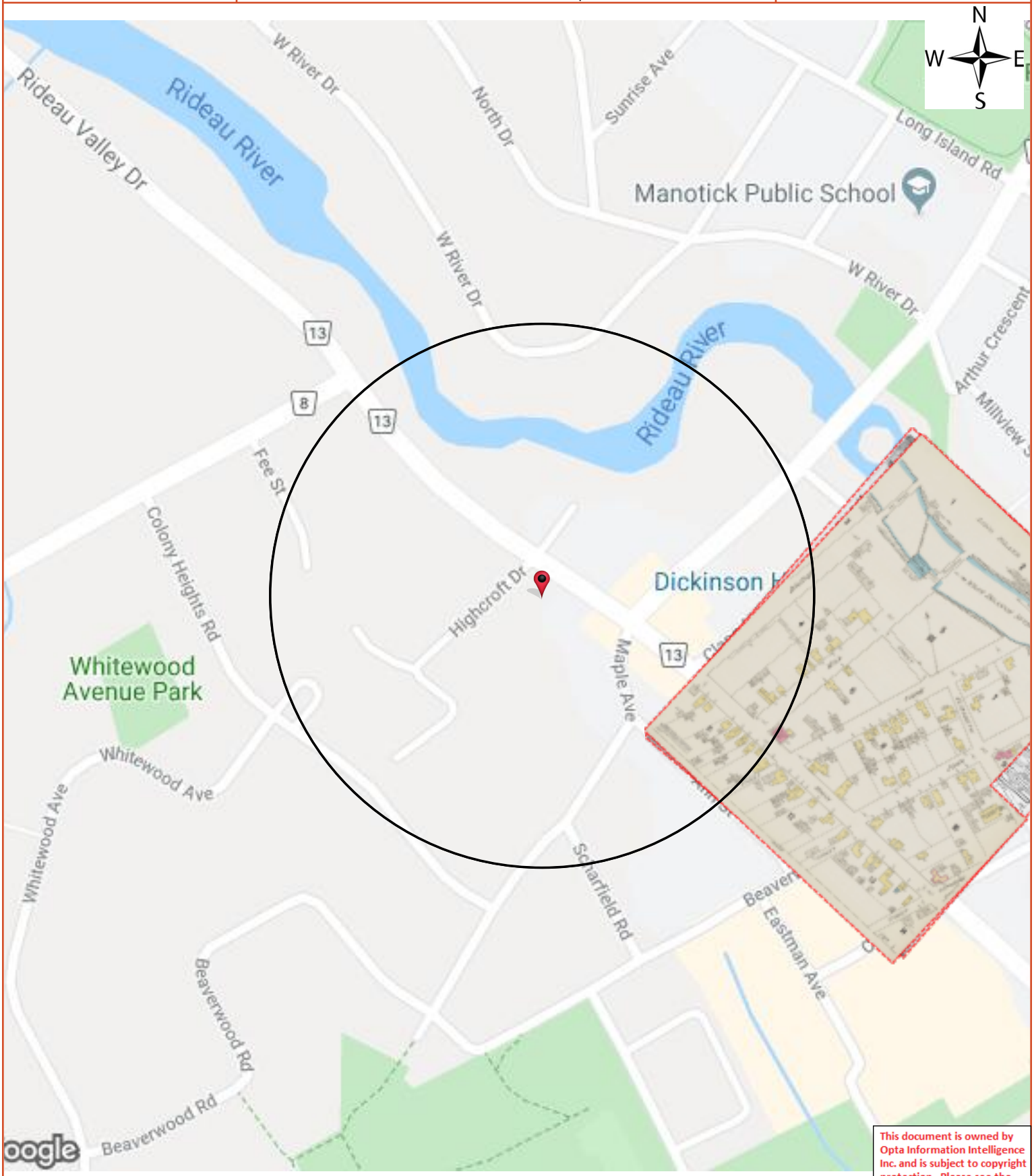
enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan ™ 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.

Project Name: 65032.03 5506 Manotick Main Street

Project #: 20191129002
P.O. #: 65032.03

ENVIROSCAN Report

Report Index

Requested by:
Eleanor Goolab
Date Completed: 12/05/2019 12:12:48

OPTA INFORMATION INTELLIGENCE

Page	Report Title
6	(1908) Volume: Ontario Miscellaneous Firemap: 1
8	(1897) Volume: Manotick, Ontario, 1897 Firemap: 1

N
W E
S

Project Name: 65032.03 5506 Manotick Main Street

Project #: 20191129002
P.O. #: 65032.03

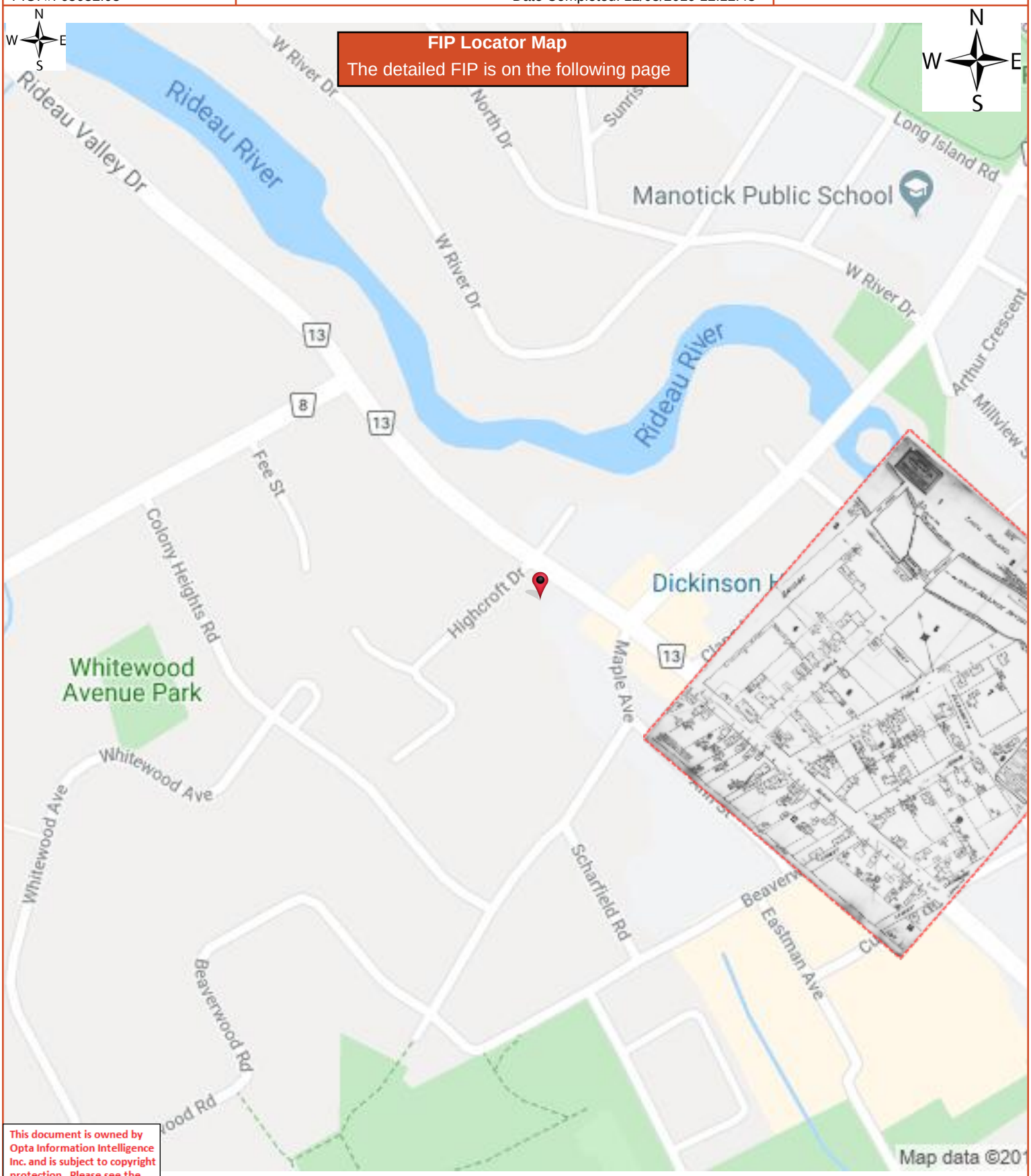
ENVIROSCAN Report

1908 Volume: Ontario Miscellaneous Firemap: 1
Manotick Plan: 1142 (1897)
Sheet: 1 (1908)

Requested by:
Eleanor Goolab
Date Completed: 12/05/2019 12:12:48

enviroscan
OPTA INFORMATION INTELLIGENCE

FIP Locator Map
The detailed FIP is on the following page



ENVIROSCAN Report

1908 Volume: Ontario Miscellaneous Firemap: 1
Manotick Plan: 1142 (1897)
Sheet: 1 (1908)

Requested by:
Eleanor Goolab
Date Completed: 12/05/2019 12:12:48

Project Name: 65032.03 5506 Manotick Main Street

Project #: 20191129002
P.O. #: 65032.03

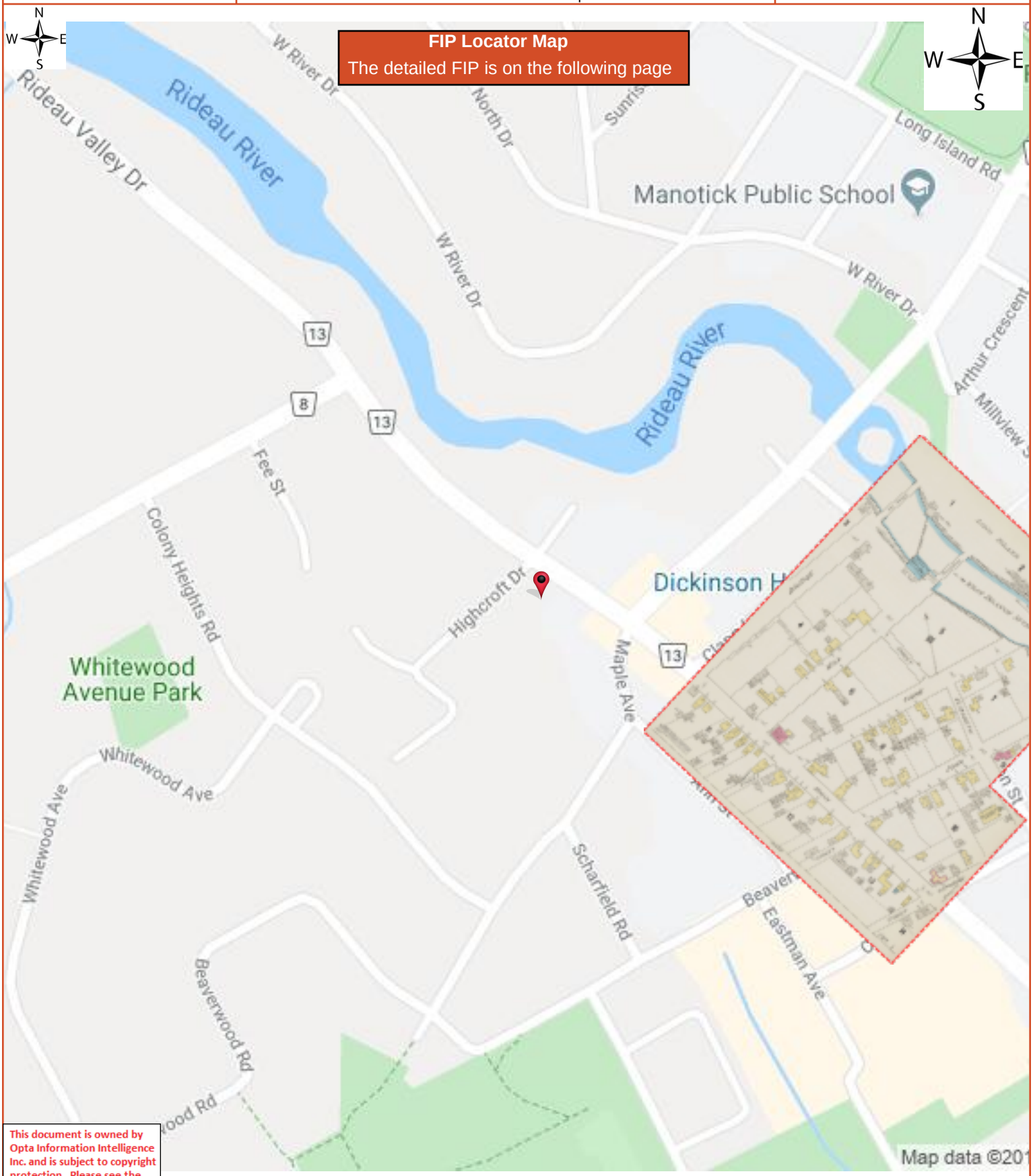
ENVIROSCAN Report

1897 Volume: Manotick, Ontario, 1897 Firemap: 1
Manotick Plan: 2750 (1897)
Sheet: 1 (1897)

Requested by:
Eleanor Goolab
Date Completed: 12/05/2019 12:12:48

enviroscan
OPTA INFORMATION INTELLIGENCE

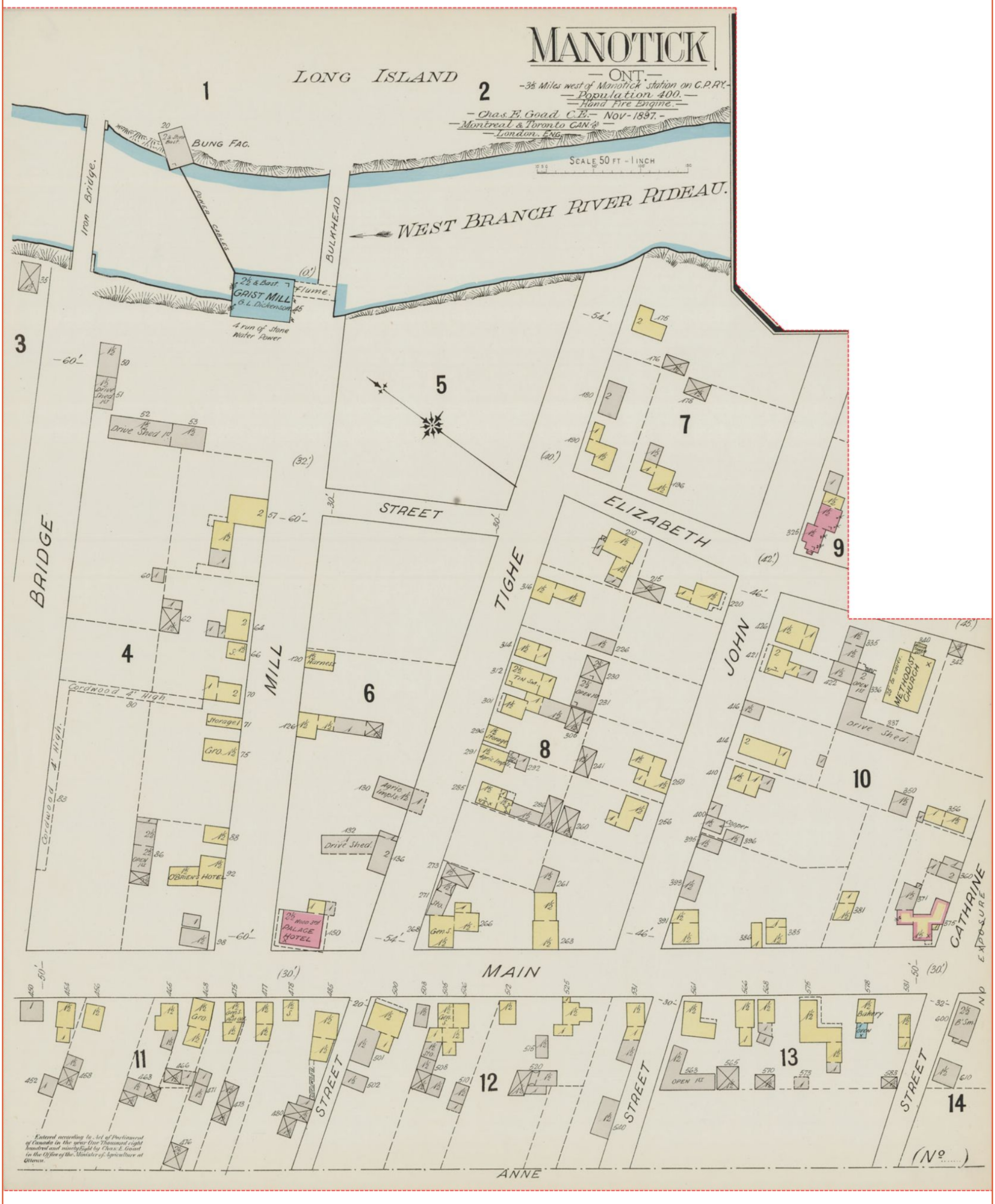
FIP Locator Map
The detailed FIP is on the following page



ENVIROSCAN Report

1897 Volume: Manotick, Ontario, 1897 Firemap: 1
Manotick Plan: 2750 (1897)
Sheet: 1 (1897)

Requested by:
Eleanor Goolab
Date Completed: 12/05/2019 12:12:48



APPENDIX D

City Directories

www.lgicscanada.com
alantos@lgicscanada.com
Phone: 613 875-7387

City Directory Information Source
Vernon's Ottawa & Area, Ontario City Directory

2011	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Manotick Main Street (5490-5540)	-All Residential 5494-Bdo Canada LLP -Newton & Co 5500-Coldwell Banker Coborn Realty 5511-Spa Nails -Hard Stones Grill -Village Groomer -Milano City Pizza 5517-Manotick Paint Store -Appliance Advantage 5524-Manotick massage Therapy Centre -Robert Eric Rmt -Orthodontist's Office

2011	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
	-Co-Operators 5526-Oegema Nicholson & Associates 5528-Nin Collection Boutique 5530-La Piazza Courtyard & Lounge -Manotick School of Music 5536-Manotick Prime 5539-RBC
Ann Street (5530-5540)	-All Residential 5536-Autobahn Tuning -Pro Tech Automotive -Therien Jiu-Jitsu Dojo
Bridge Street (1130-1150)	-All Residential 1135-Re Max Metro-City Realty Ltd Brokerage
Clapp Lane (All)	-All Residential 1125-Manotick Clapp House 1128-Doctors' Offices -Martgagebrokerottawa.com -Ottawa South United -Aura Silver Resources Inc 1142-Doug's Truck & Automotive Ltd -Napa Auto Parts

2011	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
	1128-Ur-Energy Inc
Dickinson Circle (All)	-All Residential
Fee Street (All)	-All Residential
Highcroft Drive (All)	-All Residential
Maple Avenue (1150-1180)	-All Residential 1171-Canada Post

2005-06	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Manotick Main Street (5490-5540)	-No Listings Within Radius
Ann Street (5530-5540)	-All Residential 5536-Mountain Masters -J C Auto Service -Therien Jiu-Jitsu Dojo
Bridge Street (1130-1150)	-All Residential

2005-06	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Clapp Lane (All)	-All Residential 1125-Manotick Clapp House 1128-Doctors' Offices 1134-Prospect-In Sales Tracking Technology Inc 1138-Rideau Seniors' Centre 1142-Doug's Truck & Automotive Ltd -Napa Auto Parts
Dickinson Circle (All)	-All Residential
Fee Street (All)	-All Residential
Highcroft Drive (All)	-All Residential
Maple Avenue (1150-1180)	-All Residential 1171-Canada Post

2001-02	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Manotick Main Street (5490-5540)	-No Listings Within Radius

2001-02	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Ann Street (5530-5540)	-All Residential 5536-J C Auto Service -Therien Jiu-Jitsu Dojo
Bridge Street (1130-1150)	-All Residential
Clapp Lane (All)	-Street Not Listed
Dickinson Circle (All)	-All Residential
Fee Street (All)	-All Residential
Highcroft Drive (All)	-All Residential 1164-Artista School of Music
Maple Avenue (1150-1180)	-All Residential

1996-97	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Manotick Main Street (5490-5540)	-No Listings Within Radius

1996-97	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Ann Street (5530-5540)	-All Residential 5536-J C Auto Service -Borsella Equipment Service Inc -Art Centre Manotick
Bridge Street (1130-1150)	-All Residential
Clapp Lane (All)	-Street Not Listed
Dickinson Circle (All)	-All Residential
Fee Street (All)	-All Residential
Highcroft Drive (All)	-All Residential
Maple Avenue (1150-1180)	-All Residential

1992	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Site Listing:	-Address Not Listed
Adjacent Properties:	

1992	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Manotick Main Street (Rideau Valley Drive) (5490-5540)	-All Residential 5511-Manotick Consumer and Business Electronics Radio Shack Dealer 5517-Hollyhocks Custom Framing 5521-Manotick Automotive & Small Engines Repair 5527-Manotick Service Centre 5532-Lady'n Lace Lingerie
Ann Street (5530-5540)	-All Residential 5531-Denise Smith School of Dance -Calnan M D & Co Ltd 5536-Executive Home Services of Manotick -Jotoma Services & Consulting Ltd -Nine Pines Publishing -D & G Landscaping -Dura Roofing Ltd -M-1 Entreprises -Village Sports -You Called Secreterial Services
Bridge Street (1130-1150)	-All Residential
Clapp Lane (All)	-Street Not Listed

1992	
Project Number: 65032.03 **Site Address: 5506 Manotick Main Street, Manotick, ON**	
Dickinson Circle (All)	-All Residential
Fee Street (All)	-All Residential
Highcroft Drive (All)	-All Residential
Maple Avenue (1150-1180)	-All Residential

*****Manotick, Ontario is listed from 1992 to 2011 within the City Directory Archive*****

APPENDIX E

Chain of Title

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 1 CON ABF N GOWER AS IN N691493; RIDEAU

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

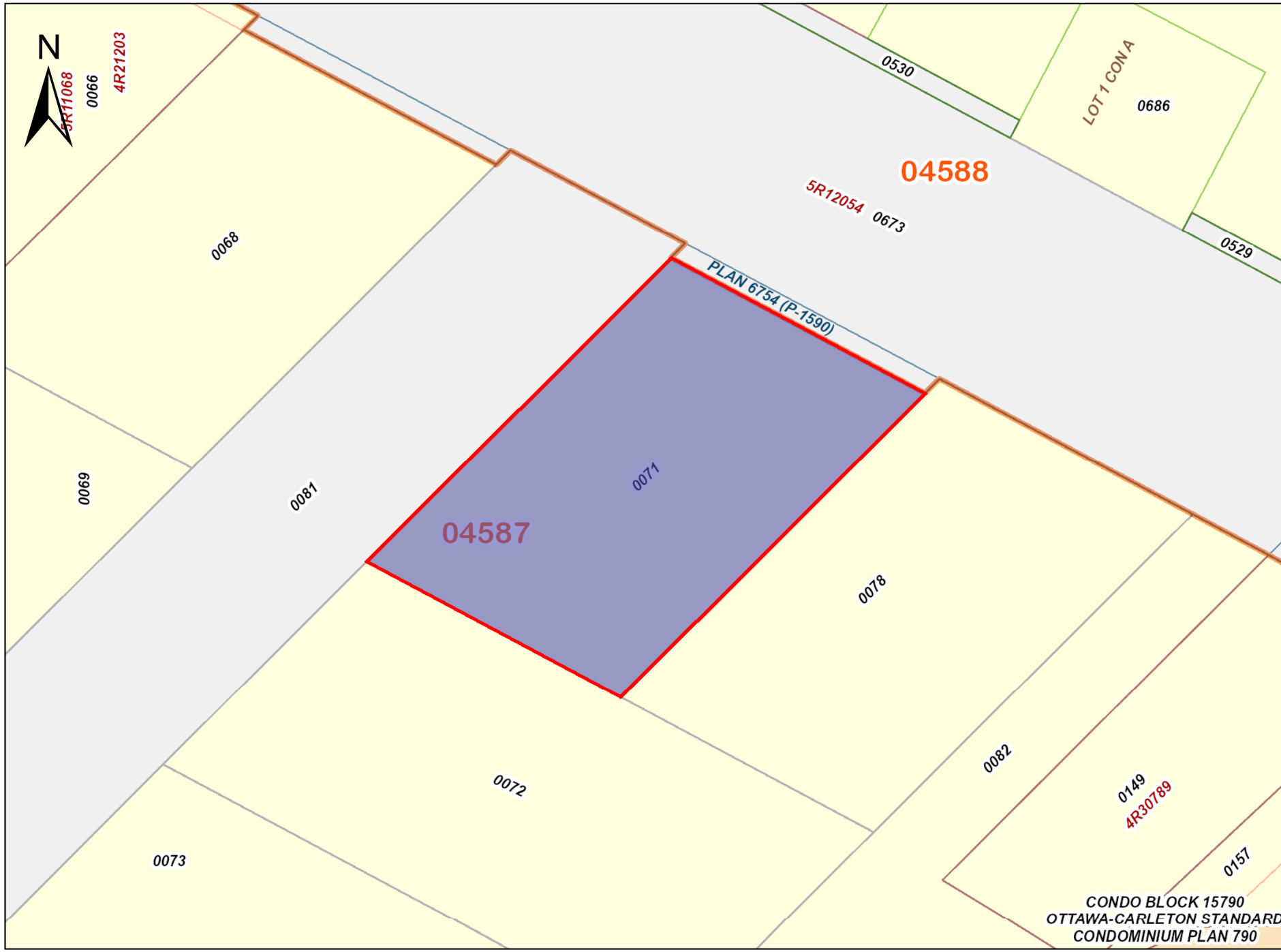
RECENTLY:
RE-ENTRY FROM 04587-0120

PIN CREATION DATE:
1999/12/17

OWNERS' NAMES
CEDAR SANDS HOLDINGS INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/06/30 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/12/17						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1999/12/20 ***						
OC2110827	2019/06/20	TRANSFER	$678,000	J.D. BRULE INVESTMENTS HOLDINGS LIMITED	CEDAR SANDS HOLDINGS INC.	C
	REMARKS: PLANNING ACT STATEMENTS.					



ServiceOntario

PRINTED ON 05 DEC, 2019 AT 09:42:08
FOR EEGOOLAB

SCALE

0 20 meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

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

Ontario

APPENDIX F

Egolog ERIS

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*65032.03 5506 Manotick Main Street* *5506 Manotick Main Street* *Manotick ON K4M 0E2*
Project No:	*65032.03*
Report Type:	*Standard Report*
Order No:	*20191129002*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Date Completed:	*December 4, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*65032.03 5506 Manotick Main Street* *5506 Manotick Main Street Manotick ON K4M 0E2*
Project No:	*65032.03*

Coordinates:

Latitude:	*45.226671*
Longitude:	*-75.687306*
UTM Northing:	*5,008,360.97*
UTM Easting:	*446,043.76*
UTM Zone:	*UTM Zone 18T*

Elevation:	*286 FT* *87.09 M*

Order Information:

Order No:	*20191129002*
Date Requested:	*November 29, 2019*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Report Type:	*Standard Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Land Title Search	*Current Land Title Search*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	10	10
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	13	13
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FED TANKS	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	13	13
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	5	5
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	4	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	117	117
		Total:	0	169	169

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 1 ON ***Well ID:*** 1506446	SE/15.0	0.51	40
2	WWIS		lot 1 ON ***Well ID:*** 1506431	NNE/49.1	-1.21	42
3	EHS		5501 to 5511 Main Street Manotick/Ottawa ON	NNE/57.2	-1.21	45
4	EHS		1164-1166 Highcroft Drive Ottawa ON	SW/59.6	3.79	45
5	WWIS		lot 1 ON ***Well ID:*** 1506470	ENE/60.6	-1.13	46
6	WWIS		lot 1 ON ***Well ID:*** 1506434	N/62.2	-1.21	48
7	CA	MINISTRY OF THE ENVIRONMENT	MAIN ST./BRIDGE ST. RIDEAU TWP. ON	ESE/68.5	-1.08	50
7	SPL	s21	Intersection - Manotick and Bridge St. MANOTICK<UNOFFICIAL> Ottawa ON	ESE/68.5	-1.08	51
8	WWIS		lot 1 con A ON ***Well ID:*** 1506613	S/69.3	1.84	51
9	WWIS		lot 1 ON ***Well ID:*** 1506432	N/71.1	-2.06	54
10	WWIS		lot 1 ON ***Well ID:*** 1506429	S/74.3	1.84	56
11	BORE		ON	SW/79.8	6.23	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	WWIS		lot 1 ON ***Well ID:*** 1506441	NW/80.8	-0.21	60
13	EHS		5511 Main St. Manotick ON	ENE/81.1	-1.13	62
13	EHS		5511 Main St Ottawa (formerly Manotick) ON	ENE/81.1	-1.13	62
13	SPL	MANOTICK PLAZA	5511 RIDEAU VALLEY DRIVE NORTH MALL LOT RIDEAU TWP. ON	ENE/81.1	-1.13	63
13	SPL	Enbridge Gas Distribution Inc.	5511 Manotick Main Street Ottawa ON	ENE/81.1	-1.13	63
14	WWIS		lot 1 ON ***Well ID:*** 1506449	ESE/91.3	-1.21	64
14	WWIS		lot 1 ON ***Well ID:*** 1506440	ESE/91.3	-1.21	66
15	WWIS		lot 1 con A MONOTICK ON ***Well ID:*** 7226507	WNW/97.5	2.43	69
16	WWIS		lot 1 ON ***Well ID:*** 1506435	E/97.7	-1.16	71
17	WWIS		lot 1 ON ***Well ID:*** 1506469	NW/98.7	-0.31	73
18	WWIS		MANOTIL ON ***Well ID:*** 7049688	E/99.2	-1.16	76
19	WWIS		MANOTICK ON ***Well ID:*** 7265306	ESE/104.3	-1.21	78
20	WWIS		lot 2 ON	NE/104.9	-2.21	81

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1516549			
21	EHS		5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON	NE/108.4	-2.31	84
22	WWIS		MANOTICK ON ***Well ID:*** 7265305	E/111.9	-1.21	84
23	WWIS		lot 1 ON ***Well ID:*** 1506442	NW/112.4	-0.31	87
24	EHS		5526 Main Street Manotick ON	ESE/116.5	-1.21	89
25	WWIS		lot 1 con A ON ***Well ID:*** 1517663	WSW/120.8	8.79	90
26	WWIS		lot 1 ON ***Well ID:*** 1506459	E/123.5	-1.30	93
27	WWIS		lot 1 con A MANOTICK ON ***Well ID:*** 7192436	NE/123.6	-2.21	95
28	WWIS		lot 2 con A ON ***Well ID:*** 1514914	WNW/128.1	3.79	98
29	WWIS		lot 1 ON ***Well ID:*** 1506447	SSE/130.6	-0.21	101
30	WWIS		MANOTICK ON ***Well ID:*** 7246072	ESE/130.9	-1.30	103
31	WWIS		lot 1 con A MANOTICK ON ***Well ID:*** 7156956	E/139.5	-0.91	106
32	WWIS		MANOTICK ON ***Well ID:*** 7222362	WNW/140.2	6.23	109
33	WWIS		lot 2 con A ON	SSW/140.6	8.78	111

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1514236			
34	WWIS		MANOTICK ON ***Well ID:*** 7246070	E/141.3	-0.91	114
35	WWIS		MANOTICK ON ***Well ID:*** 7246074	E/143.4	-0.18	117
36	WWIS		lot 1 ON ***Well ID:*** 1506439	ENE/145.5	-1.79	120
37	GEN	927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE/146.6	-0.21	122
37	GEN	terrapex	5521 manotick main street manotick ON	ESE/146.6	-0.21	123
37	GEN	927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE/146.6	-0.21	123
37	GEN	927995 Ontario Ltd.	5521 Manotick Main Street Manotick ON	ESE/146.6	-0.21	123
37	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON	ESE/146.6	-0.21	123
37	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/146.6	-0.21	123
37	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/146.6	-0.21	124
37	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/146.6	-0.21	124
37	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/146.6	-0.21	124
38	WWIS		MANOTICK ON	E/149.7	-0.18	125

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7265304			
39	WWIS		MANOTICK ON ***Well ID:*** 7246071	ESE/150.4	-0.21	127
40	WWIS		MANOTICK ON ***Well ID:*** 7246073	ESE/152.7	-0.21	130
41	WWIS		MANOTICK ON ***Well ID:*** 7217539	ESE/154.2	-0.21	133
42	WWIS		lot 2 ON ***Well ID:*** 1506477	E/157.2	-0.91	135
43	WWIS		lot 2 ON ***Well ID:*** 1506474	ESE/158.2	-0.21	137
44	WWIS		lot 2 con A ON ***Well ID:*** 1509945	S/159.9	4.18	139
45	WWIS		lot 1 ON ***Well ID:*** 1518655	N/160.6	-2.22	142
46	WWIS		lot 2 ON ***Well ID:*** 1506468	ESE/162.5	-0.21	145
47	WWIS		lot 1 con A ON ***Well ID:*** 1506584	WNW/164.7	7.51	148
48	WWIS		lot 2 ON ***Well ID:*** 1506455	E/167.4	-0.09	150
49	WWIS		lot 1 ON ***Well ID:*** 1506445	NW/169.0	0.45	152
50	GEN	Rideau Valley Conservation Authority	1143 Clapp Lane Manotick ON	E/169.1	0.04	155
51	WWIS		lot 1 con A ON	NW/170.1	2.63	155

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1506438			
52	WWIS		lot 2 ON ***Well ID:*** 1506454	E/172.0	-0.09	157
53	WWIS		lot 1 ON ***Well ID:*** 1519086	N/173.4	-2.25	160
54	WWIS		lot 1 con A ON ***Well ID:*** 1506577	W/175.7	8.84	163
55	BORE		ON	E/178.3	-0.09	165
55	WWIS		lot 2 ON ***Well ID:*** 1506478	E/178.3	-0.09	166
56	WWIS		lot 1 ON ***Well ID:*** 1518586	N/178.8	-2.22	169
57	WWIS		lot 1 ON ***Well ID:*** 1514801	E/179.0	-0.09	172
58	WWIS		lot 2 con A ON ***Well ID:*** 1506586	S/179.1	4.18	176
59	WWIS		lot 2 ON ***Well ID:*** 1506452	E/179.4	0.04	178
60	WWIS		lot 1 ON ***Well ID:*** 1518584	N/182.1	-2.25	181
61	WWIS		ON ***Well ID:*** 7317451	E/182.3	-0.09	184
62	WWIS		ON ***Well ID:*** 1500490	N/184.0	-2.22	185
63	WWIS		lot 1 ON	N/184.6	-2.22	187

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1518364			
64	WWIS		lot 2 ON ***Well ID:*** 1506450	E/187.3	0.71	190
65	WWIS		lot 1 ON ***Well ID:*** 1506475	E/187.6	0.71	193
66	EHS		5528 Ann St Ottawa ON K4M1A3	SSE/189.2	-0.08	195
67	WWIS		lot 2 con A ON ***Well ID:*** 1516267	S/189.4	6.94	195
68	WWIS		lot 2 con A ON ***Well ID:*** 1510653	S/189.7	4.73	198
69	WWIS		lot 1 ON ***Well ID:*** 1518101	ESE/190.3	1.48	202
69	WWIS		lot 1 ON ***Well ID:*** 1518224	ESE/190.3	1.48	205
69	WWIS		lot 1 ON ***Well ID:*** 1518758	ESE/190.3	1.48	207
69	WWIS		lot 1 ON ***Well ID:*** 1518993	ESE/190.3	1.48	211
69	WWIS		lot 1 ON ***Well ID:*** 1519082	ESE/190.3	1.48	214
69	WWIS		lot 1 ON ***Well ID:*** 1519083	ESE/190.3	1.48	217
69	WWIS		lot 1 ON ***Well ID:*** 1519089	ESE/190.3	1.48	220
69	WWIS		lot 1 ON	ESE/190.3	1.48	223

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1519092			
69	WWIS		lot 1 ON ***Well ID:*** 1519093	ESE/190.3	1.48	226
69	WWIS		lot 1 ON ***Well ID:*** 1519108	ESE/190.3	1.48	229
69	WWIS		lot 1 ON ***Well ID:*** 1519175	ESE/190.3	1.48	232
69	WWIS		lot 1 ON ***Well ID:*** 1519331	ESE/190.3	1.48	235
69	WWIS		lot 1 ON ***Well ID:*** 1519332	ESE/190.3	1.48	238
69	WWIS		lot 1 ON ***Well ID:*** 1519469	ESE/190.3	1.48	242
70	WWIS		lot 2 ON ***Well ID:*** 1514492	ESE/191.1	1.48	245
71	BORE		ON	ENE/191.4	-0.21	248
72	WWIS		lot 1 ON ***Well ID:*** 1506443	ENE/194.7	-1.30	249
73	WWIS		lot 1 ON ***Well ID:*** 1506428	NW/196.7	-2.30	252
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	254
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	254
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	254

Map Key	*DB*	*Company/Site Name*	*Address*	*Dir/Dist (m)*	*Elev Diff (m)*	*Page Number*
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	255
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	255
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	255
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	255
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	256
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/196.7	1.73	256
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/196.7	1.73	256
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/196.7	1.73	256
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/196.7	1.73	257
74	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/196.7	1.73	257
75	WWIS		lot 2 con A MANOTICK ON ***Well ID:*** 7311595	ESE/197.1	1.15	257
76	WWIS		lot 1 con A ON ***Well ID:*** 1506573	NW/197.3	0.45	260
77	WWIS		lot 1 con A ON	S/199.1	4.73	263

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1506590			
78	WWIS		lot 1 con A ON ***Well ID:*** 1506594	WNW/200.9	8.87	265
79	WWIS		lot 1 con A ON ***Well ID:*** 1511644	NW/201.4	2.46	268
80	WWIS		lot 1 ON ***Well ID:*** 1506436	ENE/203.1	-0.75	272
81	WWIS		OTTAWA MANOTICK ON ***Well ID:*** 7261694	N/205.3	-2.09	274
82	WWIS		lot 1 ON ***Well ID:*** 1506444	NE/207.5	-1.93	276
83	WWIS		lot 2 ON ***Well ID:*** 1506466	ESE/210.5	1.15	279
84	EHS		1131 Clapp Lane Ottawa ON K4M0G8	ENE/211.2	-0.21	281
85	WWIS		lot 1 ON ***Well ID:*** 1515434	NW/212.3	2.46	281
86	WWIS		lot 2 ON ***Well ID:*** 1506451	ESE/216.2	1.73	284
87	WWIS		lot 1 ON ***Well ID:*** 1506433	NW/216.6	-1.31	287
88	WWIS		lot 1 con A ON ***Well ID:*** 1516781	WSW/216.9	11.54	289
89	EHS		5536 Manotick Main Street Manotick ON K4M	SE/221.2	1.14	292
90	WWIS		lot 1 con A ON	WNW/222.2	8.79	292

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1518719			
91	WWIS		MANOTICK ON ***Well ID:*** 7168472	NNE/222.6	-1.60	296
92	WWIS		lot 2 ON ***Well ID:*** 1513480	ESE/226.3	2.87	297
93	WWIS		lot 2 ON ***Well ID:*** 1506464	ESE/229.9	2.87	300
94	WWIS		MANOTICK ON ***Well ID:*** 7222585	NNW/231.1	-1.21	303
95	WWIS		lot 1 ON ***Well ID:*** 1514081	NE/231.6	-3.33	304
96	WWIS		lot 1 ON ***Well ID:*** 1514082	ESE/231.8	2.87	308
97	WWIS		ON ***Well ID:*** 7317450	E/232.1	1.14	311
97	WWIS		ON ***Well ID:*** 7317452	E/232.1	1.14	311
98	WWIS		lot 2 con A ON ***Well ID:*** 1510575	SSE/233.8	3.14	312
99	WWIS		lot 2 ON ***Well ID:*** 1506483	ESE/234.0	2.79	315
99	WWIS		lot 2 ON ***Well ID:*** 1506472	ESE/234.0	2.79	317
100	WWIS		ON ***Well ID:*** 1509640	NNW/237.0	-1.21	320
101	WWIS		lot 2 ON	SE/237.6	1.07	322

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1510183			
102	HINC		INTERSECTION OF MILL STREET & MAIN STREET MANOTICK ON	ESE/238.7	2.51	325
102	SPL	Bell Canada	Manotick Main St and Mill St Ottawa ON	ESE/238.7	2.51	326
103	WWIS		lot 2 ON ***Well ID:*** 1506481	SE/239.4	-0.30	326
104	WWIS		lot 2 ON ***Well ID:*** 1515817	E/240.2	2.87	329
105	WWIS		lot 2 con A ON ***Well ID:*** 1519106	S/240.4	7.14	331
105	WWIS		lot 2 con A ON ***Well ID:*** 1519109	S/240.4	7.14	335
105	WWIS		lot 2 con A ON ***Well ID:*** 1519314	S/240.4	7.14	338
105	WWIS		lot 2 con A ON ***Well ID:*** 1519491	S/240.4	7.14	341
106	WWIS		lot 1 con A ON ***Well ID:*** 1514913	WNW/241.7	7.56	345
107	WWIS		lot 2 ON ***Well ID:*** 1506463	E/242.2	1.99	348
108	HINC		1168 MAPLE STREET MANOTICK ON	SSE/243.8	1.79	350
108	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	SSE/243.8	1.79	351
108	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	SSE/243.8	1.79	351

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
108	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	SSE/243.8	1.79	351
108	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	SSE/243.8	1.79	352
108	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	SSE/243.8	1.79	352
109	WWIS		lot 1 con A ON ***Well ID:*** 1513345	W/244.2	9.82	353
110	WWIS		lot 2 ON ***Well ID:*** 1515777	ENE/244.8	-0.49	356
111	SCT	BINOMIAL International Inc.	5497 Colony Heights Rd Suite 210 Manotick ON K4M 1A7	WSW/246.2	9.79	359
112	WWIS		lot 1 con A ON ***Well ID:*** 1513692	W/246.9	9.79	359
113	WWIS		MANOTICK ON ***Well ID:*** 7220875	NNW/247.3	-1.21	363
114	WWIS		lot 1 con A ON ***Well ID:*** 1510421	E/247.8	2.43	369
115	EHS		5538 & 5540 Manotick Main Street Manotick ON	SE/248.1	2.51	373
116	WWIS		ON ***Well ID:*** 1500515	NNE/249.9	-0.21	373
117	GEN	City of Ottawa	1125 Clapp Lane Manotick ON K4M 1A5	ENE/250.0	-0.49	375
117	GEN	City of Ottawa	1125 Clapp Lane Manotick ON	ENE/250.0	-0.49	376

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
117	GEN	City of Ottawa	1125 Johnstone Clapp Lane Ottawa ON	ENE/250.0	-0.49	376

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SW	79.82	11

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	178.27	55
	ON	ENE	191.42	71

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
MINISTRY OF THE ENVIRONMENT	MAIN ST./BRIDGE ST. RIDEAU TWP. ON	ESE	68.54	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 10 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1164-1166 Highcroft Drive Ottawa ON	SW	59.62	4
	5536 Manotick Main Street Manotick ON K4M	SE	221.25	89

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	5538 & 5540 Manotick Main Street Manotick ON	SE	248.09	115

Lower Elevation	Address	Direction	Distance (m)	Map Key
	5501 to 5511 Main Street Manotick/Ottawa ON	NNE	57.24	3
	5511 Main St Ottawa (formerly Manotick) ON	ENE	81.09	13
	5511 Main St. Manotick ON	ENE	81.09	13
	5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON	NE	108.40	21
	5526 Main Street Manotick ON	ESE	116.49	24
	5528 Ann St Ottawa ON K4M1A3	SSE	189.18	66
	1131 Clapp Lane Ottawa ON K4M0G8	ENE	211.23	84

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 13 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	196.72	74
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	196.72	74

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 13 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Rideau Valley Conservation Authority	1143 Clapp Lane Manotick ON	E	169.12	50

Lower Elevation	Address	Direction	Distance (m)	Map Key
927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE	146.55	37
terrapex	5521 manotick main street manotick ON	ESE	146.55	37
927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE	146.55	37
927995 Ontario Ltd.	5521 Manotick Main Street Manotick ON	ESE	146.55	37
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON	ESE	146.55	37
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	146.55	37
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	146.55	37
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	146.55	37

Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	146.55	37
City of Ottawa	1125 Johnstone Clapp Lane Ottawa ON	ENE	250.00	117
City of Ottawa	1125 Clapp Lane Manotick ON K4M 1A5	ENE	250.00	117
City of Ottawa	1125 Clapp Lane Manotick ON	ENE	250.00	117

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	INTERSECTION OF MILL STREET & MAIN STREET MANOTICK ON	ESE	238.71	102
	1168 MAPLE STREET MANOTICK ON	SSE	243.78	108

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2019 has found that there are 5 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	SSE	243.78	108
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	SSE	243.78	108
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	SSE	243.78	108

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	SSE	243.78	108
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	SSE	243.78	108

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BINOMIAL International Inc.	5497 Colony Heights Rd Suite 210 Manotick ON K4M 1A7	WSW	246.23	111

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bell Canada	Manotick Main St and Mill St Ottawa ON	ESE	238.71	102

Lower Elevation	Address	Direction	Distance (m)	Map Key
s21	Intersection - Manotick and Bridge St. MANOTICK<UNOFFICIAL> Ottawa ON	ESE	68.54	7
MANOTICK PLAZA	5511 RIDEAU VALLEY DRIVE NORTH MALL LOT RIDEAU TWP. ON	ENE	81.09	13
Enbridge Gas Distribution Inc.	5511 Manotick Main Street Ottawa ON	ENE	81.09	13

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 117 WWIS site(s) within approximately 0.25 kilometers of

the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 ON ***Well ID:*** 1506446	SE	15.01	1
	lot 1 con A ON ***Well ID:*** 1506613	S	69.32	8
	lot 1 ON ***Well ID:*** 1506429	S	74.30	10
	lot 1 con A MONOTICK ON ***Well ID:*** 7226507	WNW	97.53	15
	lot 1 con A ON ***Well ID:*** 1517663	WSW	120.77	25
	lot 2 con A ON ***Well ID:*** 1514914	WNW	128.13	28
	MANOTICK ON ***Well ID:*** 7222362	WNW	140.19	32
	lot 2 con A ON ***Well ID:*** 1514236	SSW	140.57	33
	lot 2 con A ON ***Well ID:*** 1509945	S	159.88	44
	lot 1 con A ON ***Well ID:*** 1506584	WNW	164.69	47
	lot 1 ON ***Well ID:*** 1506445	NW	169.01	49

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 con A ON ***Well ID:*** 1506438	NW	170.07	51
	lot 1 con A ON ***Well ID:*** 1506577	W	175.73	54
	lot 2 con A ON ***Well ID:*** 1506586	S	179.10	58
	lot 2 ON ***Well ID:*** 1506452	E	179.39	59
	lot 2 ON ***Well ID:*** 1506450	E	187.25	64
	lot 1 ON ***Well ID:*** 1506475	E	187.56	65
	lot 2 con A ON ***Well ID:*** 1516267	S	189.41	67
	lot 2 con A ON ***Well ID:*** 1510653	S	189.73	68
	lot 1 ON ***Well ID:*** 1518101	ESE	190.28	69
	lot 1 ON ***Well ID:*** 1518224	ESE	190.28	69
	lot 1 ON ***Well ID:*** 1518758	ESE	190.28	69
	lot 1 ON	ESE	190.28	69

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1518993			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519082			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519083			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519089			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519092			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519093			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519108			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519175			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519331			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519332			
	lot 1 ON	ESE	190.28	69
	Well ID: 1519469			
	lot 2 ON	ESE	191.05	70
	Well ID: 1514492			

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 con A MANOTICK ON ***Well ID:*** 7311595	ESE	197.10	75
	lot 1 con A ON ***Well ID:*** 1506573	NW	197.34	76
	lot 1 con A ON ***Well ID:*** 1506590	S	199.09	77
	lot 1 con A ON ***Well ID:*** 1506594	WNW	200.93	78
	lot 1 con A ON ***Well ID:*** 1511644	NW	201.41	79
	lot 2 ON ***Well ID:*** 1506466	ESE	210.55	83
	lot 1 ON ***Well ID:*** 1515434	NW	212.28	85
	lot 2 ON ***Well ID:*** 1506451	ESE	216.19	86
	lot 1 con A ON ***Well ID:*** 1516781	WSW	216.86	88
	lot 1 con A ON ***Well ID:*** 1518719	WNW	222.23	90
	lot 2 ON ***Well ID:*** 1513480	ESE	226.26	92
	lot 2 ON	ESE	229.94	93

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1506464			
	lot 1 ON	ESE	231.79	96
	Well ID: 1514082			
	ON	E	232.10	97
	Well ID: 7317450			
	ON	E	232.10	97
	Well ID: 7317452			
	lot 2 con A ON	SSE	233.78	98
	Well ID: 1510575			
	lot 2 ON	ESE	234.00	99
	Well ID: 1506483			
	lot 2 ON	ESE	234.00	99
	Well ID: 1506472			
	lot 2 ON	SE	237.59	101
	Well ID: 1510183			
	lot 2 ON	E	240.22	104
	Well ID: 1515817			
	lot 2 con A ON	S	240.37	105
	Well ID: 1519106			
	lot 2 con A ON	S	240.37	105
	Well ID: 1519109			
	lot 2 con A ON	S	240.37	105
	Well ID: 1519314			

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 con A ON ***Well ID:*** 1519491	S	240.37	105
	lot 1 con A ON ***Well ID:*** 1514913	WNW	241.74	106
	lot 2 ON ***Well ID:*** 1506463	E	242.20	107
	lot 1 con A ON ***Well ID:*** 1513345	W	244.21	109
	lot 1 con A ON ***Well ID:*** 1513692	W	246.91	112
	lot 1 con A ON ***Well ID:*** 1510421	E	247.76	114

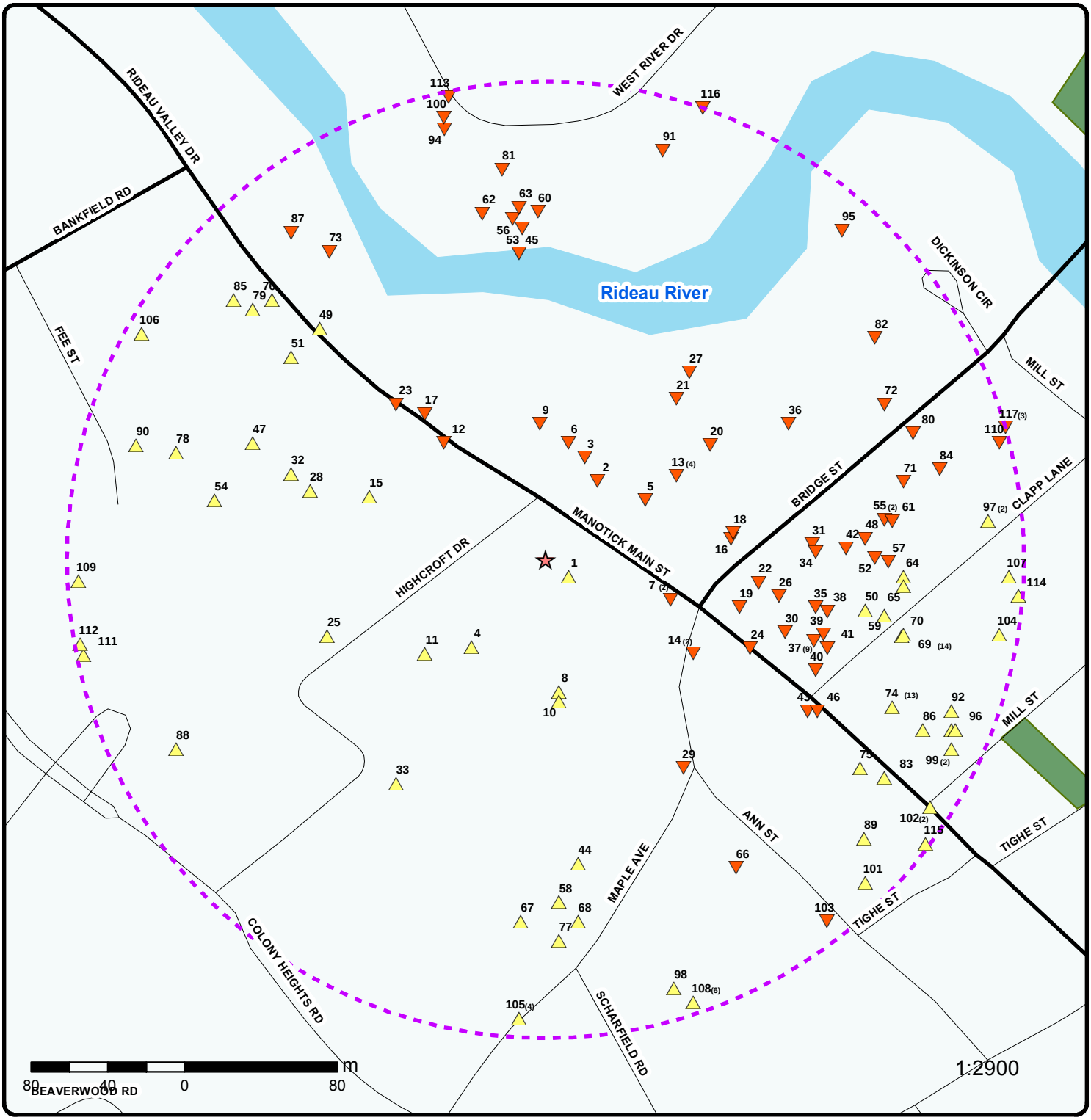
Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 ON ***Well ID:*** 1506431	NNE	49.14	2
	lot 1 ON ***Well ID:*** 1506470	ENE	60.59	5
	lot 1 ON ***Well ID:*** 1506434	N	62.21	6
	lot 1 ON ***Well ID:*** 1506432	N	71.10	9
	lot 1 ON ***Well ID:*** 1506441	NW	80.81	12

lot 1 ON ***Well ID:*** 1506449	ESE	91.28	14
lot 1 ON ***Well ID:*** 1506440	ESE	91.28	14
lot 1 ON ***Well ID:*** 1506435	E	97.66	16
lot 1 ON ***Well ID:*** 1506469	NW	98.72	17
MANOTIL ON ***Well ID:*** 7049688	E	99.23	18
MANOTICK ON ***Well ID:*** 7265306	ESE	104.27	19
lot 2 ON ***Well ID:*** 1516549	NE	104.91	20
MANOTICK ON ***Well ID:*** 7265305	E	111.88	22
lot 1 ON ***Well ID:*** 1506442	NW	112.45	23
lot 1 ON ***Well ID:*** 1506459	E	123.50	26
lot 1 con A MANOTICK ON ***Well ID:*** 7192436	NE	123.58	27
lot 1 ON ***Well ID:*** 1506447	SSE	130.63	29
MANOTICK ON	ESE	130.87	30

Well ID: 7246072			
lot 1 con A MANOTICK ON ***Well ID:*** 7156956	E	139.47	**31**
MANOTICK ON ***Well ID:*** 7246070	E	141.29	**34**
MANOTICK ON ***Well ID:*** 7246074	E	143.43	**35**
lot 1 ON ***Well ID:*** 1506439	ENE	145.55	**36**
MANOTICK ON ***Well ID:*** 7265304	E	149.69	**38**
MANOTICK ON ***Well ID:*** 7246071	ESE	150.37	**39**
MANOTICK ON ***Well ID:*** 7246073	ESE	152.67	**40**
MANOTICK ON ***Well ID:*** 7217539	ESE	154.25	**41**
lot 2 ON ***Well ID:*** 1506477	E	157.15	**42**
lot 2 ON ***Well ID:*** 1506474	ESE	158.16	**43**
lot 1 ON ***Well ID:*** 1518655	N	160.64	**45**
lot 2 ON ***Well ID:*** 1506468	ESE	162.51	**46**

lot 2 ON ***Well ID:*** 1506455	E	167.40	**48**
lot 2 ON ***Well ID:*** 1506454	E	172.04	**52**
lot 1 ON ***Well ID:*** 1519086	N	173.45	**53**
lot 2 ON ***Well ID:*** 1506478	E	178.27	**55**
lot 1 ON ***Well ID:*** 1518586	N	178.84	**56**
lot 1 ON ***Well ID:*** 1514801	E	179.04	**57**
lot 1 ON ***Well ID:*** 1518584	N	182.08	**60**
ON ***Well ID:*** 7317451	E	182.34	**61**
ON ***Well ID:*** 1500490	N	184.01	**62**
lot 1 ON ***Well ID:*** 1518364	N	184.56	**63**
lot 1 ON ***Well ID:*** 1506443	ENE	194.70	**72**
lot 1 ON ***Well ID:*** 1506428	NW	196.70	**73**
lot 1 ON	ENE	203.07	**80**

Well ID: 1506436			
OTTAWA MANOTICK ON	N	205.30	**81**
Well ID: 7261694			
lot 1 ON	NE	207.51	**82**
Well ID: 1506444			
lot 1 ON	NW	216.64	**87**
Well ID: 1506433			
MANOTICK ON	NNE	222.62	**91**
Well ID: 7168472			
MANOTICK ON	NNW	231.14	**94**
Well ID: 7222585			
lot 1 ON	NE	231.59	**95**
Well ID: 1514081			
ON	NNW	237.03	**100**
Well ID: 1509640			
lot 2 ON	SE	239.43	**103**
Well ID: 1506481			
lot 2 ON	ENE	244.77	**110**
Well ID: 1515777			
MANOTICK ON	NNW	247.30	**113**
Well ID: 7220875			
ON	NNE	249.88	**116**
Well ID: 1500515			



Map : 0.25 Kilometer Radius

Order No: 20191129002

Address: 5506 Manotick Main Street, Manotick, ON, K4M 0E2

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

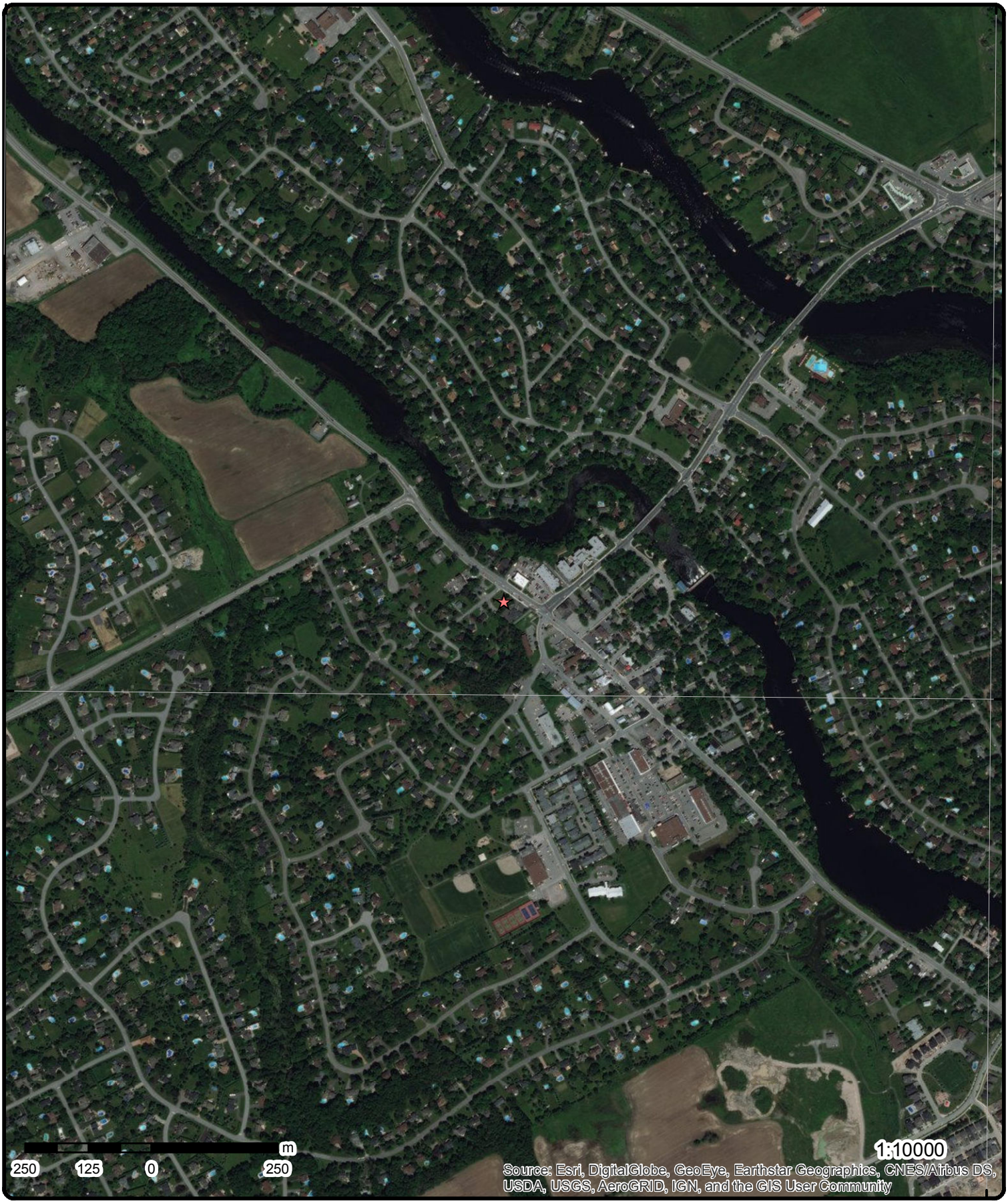
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

75°42'W

75°40'30"W

45°13'30"N



45°13'30"N

Aerial (2017)

Order No: 20191129002

Address: 5506 Manotick Main Street, Manotick, ON, K4M 0E2

Source: ESRI World Imagery

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Map

Order No: 20191129002

Address: 5506 Manotick Main Street, Manotick, ON, K4M 0E2

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SE/15.0	87.6 / 0.51	lot 1 ON	WWIS

Well ID:	1506446	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/6/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028482	**Elevation:**	88.429527
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446055.8
Code OB Desc:	Bedrock	**North83:**	5008352
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/22/1958	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004547
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004548
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004549
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 100
Formation End Depth: 125
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577052
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049705
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60

Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049706
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506446
Pump Set At:	
Static Level:	50
Final Level After Pumping:	55
Recommended Pump Depth:	
Pumping Rate:	30
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460595
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

2	1 of 1	NNE/49.1	85.9 / -1.21	lot 1 ON	WWIS

Well ID:	1506431	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/26/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028467	**Elevation:**	87.378936
DP2BR:	25	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446070.8
Code OB Desc:	Bedrock	**North83:**	5008402
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/19/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004504
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004505
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931004507

Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004506
Layer:	3
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	40
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577037
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049677
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	27
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049678
Layer:	2
Material:	4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506431
Pump Set At:	
Static Level:	11
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460578
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

---

3 | ***1 of 1*** | ***NNE/57.2*** | ***85.9 / -1.21*** | ***5501 to 5511 Main Street Manotick/Ottawa ON*** | ***EHS***

Order No:	20060612007	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	6/20/2006	**Search Radius (km):**	0.25
Date Received:	6/12/2006	**X:**	-75.686844
Previous Site Name:		**Y:**	45.226831
Lot/Building Size:	69,400 square feet		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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4 | ***1 of 1*** | ***SW/59.6*** | ***90.9 / 3.79*** | ***1164-1166 Highcroft Drive Ottawa ON*** | ***EHS***

Order No:	20181221017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	02-JAN-19	**Search Radius (km):**	.25
Date Received:	21-DEC-18	**X:**	-75.687794
Previous Site Name:		**Y:**	45.22626
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 1	ENE/60.6	86.0 / -1.13	lot 1 ON	WWIS

Well ID:	1506470	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/26/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028506	**Elevation:**	86.410804
DP2BR:	28	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446095.8
Code OB Desc:	Bedrock	**North83:**	5008392
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/12/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004606
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	28
Formation End Depth:	48
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004605

Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	28
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577076
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049753
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049754
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506470
Pump Set At:	
Static Level:	10
Final Level After Pumping:	12
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460619
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

6	1 of 1	N/62.2	85.9 / -1.21	lot 1 ON	WWIS

Well ID:	1506434	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/31/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028470	**Elevation:**	87.034347
DP2BR:	33	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446055.8
Code OB Desc:	Bedrock	**North83:**	5008422
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/23/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931004515
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 33
Formation End Depth: 69
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004514
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 33
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004513
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 23
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577040
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930049683
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	33
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049684
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	69
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506434
Pump Set At:	
Static Level:	21
Final Level After Pumping:	28
Recommended Pump Depth:	
Pumping Rate:	68
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:	0
Pumping Duration MIN:	25
Flowing:	N

Water Details

Water ID:	933460582
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	46
Water Found Depth UOM:	ft

7	*1 of 2*	*ESE/68.5*	*86.0 / -1.08*	***MINISTRY OF THE ENVIRONMENT*** ***MAIN ST./BRIDGE ST.*** ***RIDEAU TWP. ON***	***CA***

Certificate #:	7-1075-92-
Application Year:	92
Issue Date:	10/14/1992
Approval Type:	Municipal water

Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

7	2 of 2	ESE/68.5	86.0 / -1.08	s21 Intersection - Manotick and Bridge St. MANOTICK<UNOFFICIAL> Ottawa ON	SPL

Ref No:	4681-6L6BCK	**Discharger Report:**	
Site No:		**Material Group:**	Oils
Incident Dt:	1/18/2006	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	INTERSECTION - MANOTICK AND BRIDGE ST.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	**Site Lot:**	
Receiving Medium:	Land & Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/18/2006	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:		**Source Type:**	
Site Name:	INTERSECTION - MANOTICK AND BRIDGE ST.		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA in Manotick: diesel fuel spill to ground.		
Contaminant Qty:	160 L		

8	1 of 1	S/69.3	88.9 / 1.84	lot 1 con A ON	WWIS

Well ID:	1506613	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	2/23/1949
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028649	**Elevation:**	89.584587
DP2BR:	5	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446050.8
Code OB Desc:	Bedrock	**North83:**	5008292
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/15/1948	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004990
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004991
Layer:	2
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10577219
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930050030
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 5
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930050031
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506613
Pump Set At:
Static Level: 4
Final Level After Pumping: 19
Recommended Pump Depth:
Pumping Rate: 50
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: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460774
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	N/71.1	85.0 / -2.06	lot 1 ON	WWIS

Well ID:	1506432	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/18/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028468	**Elevation:**	87.113281
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446040.8
Code OB Desc:	Bedrock	**North83:**	5008432
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/9/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004508
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004509

Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004510
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577038
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049679
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049680
Layer:	2
Material:	4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506432
Pump Set At:	
Static Level:	22
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460579
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

10 | **1 of 1** | **S/74.3** | **88.9 / 1.84** | **lot 1 ON** | **WWIS**

Well ID:	1506429	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/31/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3566
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028465	**Elevation:**	89.695709

DP2BR:	54	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446050.8
Code OB Desc:	Bedrock	***North83:***	5008287
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/22/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004501
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	54
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004499
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004500
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38

Formation End Depth:	54
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577035
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049674
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049673
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506429
Pump Set At:	
Static Level:	18
Final Level After Pumping:	31
Recommended Pump Depth:	
Pumping Rate:	7
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:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933460575
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

11 ***1 of 1*** ***SW/79.8*** ***93.3 / 6.23*** ***ON*** **BORE**

Borehole ID:	611813	***Inclin FLG:***	No
OGF ID:	215513125	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	6.1	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.226225
Total Depth m:	-999	***Longitude DD:***	-75.688103
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	445981
Drill Method:		***Northing:***	5008312
Orig Ground Elev m:	97.5	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	94.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389277	***Mat Consistency:***	
Top Depth:	25	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. 0 300.0 FEET..BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 19000.		

Geology Stratum ID:	218389276	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	25	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Boulders	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	M	***Horizontal:***	NAD27

Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 043210 NTS_Sheet: 31G04G		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

12	1 of 1	NW/80.8	86.9 / -0.21	lot 1 ON	WWIS

Well ID:	1506441	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	8/31/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028477	**Elevation:**	89.060829
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	445990.8
Code OB Desc:	Overburden	**North83:**	5008422
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	4/10/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004535
Layer:	2
Color:	

General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 29
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004536
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 45
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004534
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577047
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930049697
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506441
Pump Set At:	
Static Level:	10
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460590
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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13 | ***1 of 4*** | ***ENE/81.1*** | ***86.0 / -1.13*** | ***5511 Main St. Manotick ON*** | ***EHS***

Order No:	20010501004	***Nearest Intersection:***	at Bridge st.
Status:	C	***Municipality:***	
Report Type:	Complete Report	***Client Prov/State:***	ON
Report Date:	5/8/01	***Search Radius (km):***	0.25
Date Received:	5/1/01	***X:***	-75.686493
Previous Site Name:		***Y:***	45.226769
Lot/Building Size:	Map attached		
Additional Info Ordered:			

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13 | ***2 of 4*** | ***ENE/81.1*** | ***86.0 / -1.13*** | ***5511 Main St Ottawa (formerly Manotick) ON*** | ***EHS***

Order No:	20040419006	***Nearest Intersection:***	Main St & Mitch Owens Rd
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	4/28/04	***Search Radius (km):***	0.25
Date Received:	4/19/04	***X:***	-75.786461
Previous Site Name:		***Y:***	1
Lot/Building Size:			
Additional Info Ordered:			

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

13	3 of 4	ENE/81.1	86.0 / -1.13	MANOTICK PLAZA 5511 RIDEAU VALLEY DRIVE NORTH MALL LOT RIDEAU TWP. ON	SPL

Ref No:	43869	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11/24/1990	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	20612
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	F.D.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/24/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	CORROSION	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHOPPING MALL-500 L FURNACE OIL TO GROUND. CONTAINED.		
Contaminant Qty:			

13	4 of 4	ENE/81.1	86.0 / -1.13	Enbridge Gas Distribution Inc. 5511 Manotick Main Street Ottawa ON	SPL

Ref No:	2841-9NBJNG	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2014/08/25	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Leak/Break	**Sector Type:**	Pipeline/Components
Incident Event:		**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	5511 Manotick Main Street
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Ottawa
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Referral to others	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2014/08/25	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Other	**Source Type:**	
Site Name:	Small Commercial Strip Plaza<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: Header main strike, had locates, made safe		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 2	ESE/91.3	85.9 / -1.21	lot 1 ON	WWIS

Well ID:	1506449	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	11/30/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028485	**Elevation:**	86.963958
DP2BR:	30	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446120.8
Code OB Desc:	Bedrock	**North83:**	5008312
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/8/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004555
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	54
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004554
Layer:	1
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577055
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049712
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	54
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049711
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506449
Pump Set At:	
Static Level:	10
Final Level After Pumping:	17
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	

Recommended Pump Rate:	5
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:	N

Water Details

Water ID:	933460598
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

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Well ID:	1506440	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/9/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3113
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028476	**Elevation:**	86.963958
DP2BR:	55	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446120.8
Code OB Desc:	Bedrock	**North83:**	5008312
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/4/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931004532
Layer: 4
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004530
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004533
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 55
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004529
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004531
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	29
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577046
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049696
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049695
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	57
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506440
Pump Set At:	
Static Level:	37
Final Level After Pumping:	43
Recommended Pump Depth:	
Pumping Rate:	50
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:	0
Pumping Duration MIN:	15
Flowing:	N

Water Details

Water ID:	933460589
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	67
Water Found Depth UOM:	ft

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Well ID:	7226507	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	9/2/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z166897	**Owner:**	
Tag:		**Street Name:**	5494 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005108947	**Elevation:**	92.193473
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445952
Code OB Desc:		**North83:**	5008394
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/3/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1005242821
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005242822
Layer: 1
Plug From: 222
Plug To: 4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005242823
Layer: 2
Plug From: 4
Plug To: 0
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1005242814
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005242818
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005242819
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft

Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1005242816
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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Well ID:	1506435	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/3/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028471	**Elevation:**	86.850685
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446140.8
Code OB Desc:	Bedrock	**North83:**	5008372
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	2/3/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931004518
Layer: 3
Color:
General Color:
Mat1: 26

Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004517
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004516
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577041
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049685
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049686
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	68
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506435
Pump Set At:	
Static Level:	15
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	65
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:	0
Pumping Duration MIN:	25
Flowing:	N

Water Details

Water ID:	933460583
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

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Well ID:	1506469	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/26/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP

Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028505	***Elevation:***	88.804954
DP2BR:	20	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445980.8
Code OB Desc:	Bedrock	***North83:***	5008437
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	8/27/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004603
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004604
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577075
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049752
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049751
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506469
Pump Set At:
Static Level: 11
Final Level After Pumping: 16
Recommended Pump Depth:
Pumping Rate: 5
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: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460618
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	51
Water Found Depth UOM:	ft

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Well ID:	7049688	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	9/15/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	4
Audit No:	Z63617	**Owner:**	
Tag:	A063658	**Street Name:**	5511 MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	23049688	**Elevation:**	86.847846
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446142
Code OB Desc:		**North83:**	5008375
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	8/22/2007	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1000052270
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0.61
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000052269
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.61
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000052271
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	3.66
Formation End Depth:	4.88
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052275
Layer:	3
Plug From:	1.5
Plug To:	4.88
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052273
Layer:	1
Plug From:	0
Plug To:	0.3
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052274
Layer:	2
Plug From:	0.3
Plug To:	1.5
Plug Depth UOM:	m

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

Pipe Information

Pipe ID:	1000052267
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1000052277
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	1.83
Casing Diameter:	3.81
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1000052278
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1000052268
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1000052272
Diameter:	8.89
Depth From:	
Depth To:	4.88
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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Well ID:	7265306	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	6/17/2016
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z229880	**Owner:**	
Tag:	A164396	**Street Name:**	5517 MAIN ST.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006064834	**Elevation:**	87.523033
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446145
Code OB Desc:		**North83:**	5008336
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/31/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006125288
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	2.74
Formation End Depth:	4.88
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125286
Layer:	1
Color:	6

General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.91
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125287
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.91
Formation End Depth:	2.74
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125297
Layer:	2
Plug From:	0.31
Plug To:	1.5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125298
Layer:	3
Plug From:	1.5
Plug To:	4.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125296
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1006125285
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006125291
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.83
Casing Diameter:	3.45
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006125292
Layer:	1
Slot:	10
Screen Top Depth:	1.83
Screen End Depth:	4.88
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.21

Hole Diameter

Hole ID:	1006125289
Diameter:	5.71
Depth From:	0
Depth To:	4.88
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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20 ***1 of 1*** ***NE/104.9*** ***84.9 / -2.21*** ***lot 2 ON*** ***WWIS***

Well ID:	1516549	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/12/1978
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	

Flow Rate:
Clear/Cloudy:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10038460	**Elevation:**	84.622581
DP2BR:	32	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446129.8
Code OB Desc:	Bedrock	**North83:**	5008421
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/25/1978	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931032476
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032477
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	29
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032478
Layer:	3
Color:	2
General Color:	GREY

Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	56
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10587030
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067585
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516549
Pump Set At:	
Static Level:	15
Final Level After Pumping:	25
Recommended Pump Depth:	25
Pumping Rate:	50
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934101183
Test Type:	Draw Down
Test Duration:	15
Test Level:	25

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641988
Test Type: Draw Down
Test Duration: 45
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380897
Test Type: Draw Down
Test Duration: 30
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899890
Test Type: Draw Down
Test Duration: 60
Test Level: 25
Test Level UOM: ft

Water Details

Water ID: 933472876
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 53
Water Found Depth UOM: ft

21	1 of 1	NE/108.4	84.8 / -2.31	5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON	EHS

Order No: 20070727003
Status: C
Report Type: CAN - Custom Report
Report Date: 8/7/2007
Date Received: 7/27/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.25
X: -75.686445
Y: 45.227434

22	1 of 1	E/111.9	85.9 / -1.21	MANOTICK ON	WWIS

Well ID: 7265305
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z229878
Tag: A164395

Data Entry Status:
Data Src:
Date Received: 6/17/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 5517 MAIN ST.

Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006064831	***Elevation:***	87.737739
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446155
Code OB Desc:		***North83:***	5008349
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/31/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006125269
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	1.22
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125270
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	3.1
Formation End Depth:	4.27
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125271
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	4.27
Formation End Depth:	5.49
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125268
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	28
Other Materials:	SAND
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125279
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125280
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125281
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1006125267
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006125274
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.44
Casing Diameter:	2.54
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006125275
Layer:	1
Slot:	10
Screen Top Depth:	2.44
Screen End Depth:	5.49
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	3.34

Hole Diameter

Hole ID:	1006125272
Diameter:	5.71
Depth From:	0
Depth To:	5.49
Hole Depth UOM:	m
Hole Diameter UOM:	cm

23	*1 of 1*	*NW/112.4*	*86.8 / -0.31*	*lot 1 ON*	*WWIS*

Well ID:	1506442	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	8/31/1955
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028478	***Elevation:***	89.169395
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	445965.8
Code OB Desc:	Overburden	***North83:***	5008442
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/14/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004538
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004537
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577048
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049698
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506442
Pump Set At:	
Static Level:	16
Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460591
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

24	*1 of 1*	*ESE/116.5*	*85.9 / -1.21*	***5526 Main Street Manotick ON***	***EHS***

Order No:	20130927018	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON

Report Date:	04-OCT-13	**Search Radius (km):**	.25
Date Received:	27-SEP-13	**X:**	-75.685941
Previous Site Name:		**Y:**	45.226261
Lot/Building Size:			
Additional Info Ordered:			

25	1 of 1	WSW/120.8	95.9 / 8.79	lot 1 con A ON	WWIS

Well ID:	1517663	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/22/1981
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10039535	**Elevation:**	97.333091
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445929.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/27/1981	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931035903
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	43
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035904
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	43
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931035905
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588105
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069125
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069126
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991517663
Pump Set At:
Static Level: 45
Final Level After Pumping: 60
Recommended Pump Depth: 70
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
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: N

Draw Down & Recovery

Pump Test Detail ID: 934645916
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895609
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102192
Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376081
Test Type: Draw Down

Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933474182
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87
Water Found Depth UOM:	ft

26	1 of 1	E/123.5	85.8 / -1.30	lot 1 ON	WWIS

Well ID:	1506459	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/25/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028495	**Elevation:**	88.001068
DP2BR:	28	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446165.8
Code OB Desc:	Bedrock	**North83:**	5008342
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	3/20/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004581
Layer:	3
Color:	
General Color:	

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 28
Formation End Depth: 70
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004580
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 28
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004579
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577065
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049731

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049732
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506459
Pump Set At:	
Static Level:	20
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	10
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460608
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

27	1 of 1	NE/123.6	84.9 / -2.21	lot 1 con A MANOTICK ON	WWIS

Well ID:	7192436	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/4/2012
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z144581	**Owner:**	
Tag:		**Street Name:**	1145 BRIDGE STREET
Construction Method:		**County:**	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	LOT 4
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004212685	***Elevation:***	82.393348
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446119
Code OB Desc:		***North83:***	5008459
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/19/2012	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1004450712
Layer:	4
Plug From:	127
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450710
Layer:	2
Plug From:	47
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450711
Layer:	3
Plug From:	99
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450706
Layer:	2
Plug From:	0

Plug To:	47
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450709
Layer:	1
Plug From:	71
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450705
Layer:	1
Plug From:	0
Plug To:	71
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450707
Layer:	3
Plug From:	0
Plug To:	99
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450708
Layer:	4
Plug From:	0
Plug To:	127
Plug Depth UOM:	ft

Pipe Information

Pipe ID:	1004450698
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004450702
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004450703
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Hole Diameter

Hole ID:	1004450700
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

28	1 of 1	WNW/128.1	90.9 / 3.79	lot 2 con A ON	WWIS

Well ID:	1514914	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/11/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036880	**Elevation:**	94.574684
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445920.8
Code OB Desc:	Bedrock	**North83:**	5008397
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/28/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931027667
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027669
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	100
Formation End Depth:	174
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027668
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585450
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930065196
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	61
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930065197
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	174
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514914
Pump Set At:	
Static Level:	35
Final Level After Pumping:	50
Recommended Pump Depth:	75
Pumping Rate:	25
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934100720
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893845
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645138
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384153
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933470890
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170
Water Found Depth UOM:	ft

29 ***1 of 1*** ***SSE/130.6*** ***86.9 / -0.21*** ***lot 1 ON*** ***WWIS***

Well ID:	1506447	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	12/6/1960
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028483	***Elevation:***	87.209205
DP2BR:	94	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446115.8
Code OB Desc:	Bedrock	***North83:***	5008252
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	11/5/1960	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004550
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 94
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004551
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 94
Formation End Depth: 125
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577053
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049708
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049707
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	94
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506447
Pump Set At:	
Static Level:	20
Final Level After Pumping:	24
Recommended Pump Depth:	
Pumping Rate:	10
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460596
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105
Water Found Depth UOM:	ft

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Well ID:	7246072	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/5/2015
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208896	**Owner:**	
Tag:	A178531	**Street Name:**	5517 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1005542859	**Elevation:**	88.068283
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446169
Code OB Desc:		**North83:**	5008323
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/7/2015	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005675130
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675129
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID: 1005675131

Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675139
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675141
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675140
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005675128
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675134
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC

Depth From:	0
Depth To:	2.13
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675135
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675132
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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Well ID:	7156956	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	12/29/2010
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	7
Audit No:	Z107028	**Owner:**	
Tag:	A094404	**Street Name:**	5517 5521 MANOTICK MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003444709	**Elevation:**	88.492195
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446183
Code OB Desc:		**North83:**	5008369
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	9/20/2010	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1003714331
Layer: 4
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3: 34
Other Materials: TILL
Formation Top Depth: 3.35
Formation End Depth: 3.65
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714329
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.1
Formation End Depth: 1.2
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714332
Layer: 5
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3: 28
Other Materials: SAND
Formation Top Depth: 3.65
Formation End Depth: 4.88
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714328

Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003714330
Layer:	3
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	05
Other Materials:	CLAY
Formation Top Depth:	1.2
Formation End Depth:	3.35
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003714336
Layer:	2
Plug From:	1.48
Plug To:	4.88
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003714335
Layer:	1
Plug From:	0
Plug To:	1.48
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	1003714327
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003714338
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.12
Casing Diameter:	3.5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003714339
Layer:	1
Slot:	10
Screen Top Depth:	3.12
Screen End Depth:	4.88
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.1

Water Details

Water ID:	1003714337
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	3.1
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003714334
Diameter:	5.6
Depth From:	1.3
Depth To:	4.88
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1003714333
Diameter:	7.5
Depth From:	0
Depth To:	1.3
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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MANOTICK ON

Well ID:	7222362	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/24/2014
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	1558

Casing Material:		***Form Version:***	7
Audit No:	Z172466	***Owner:***	
Tag:		***Street Name:***	5493 FEE STREET
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004860875	***Elevation:***	94.902923
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445911
Code OB Desc:		***North83:***	5008406
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/29/2013	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005187617
Layer:	1
Plug From:	1.8
Plug To:	0
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005187610
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005187614
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005187615
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1005187612
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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Well ID:	1514236	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/22/1974
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036213	**Elevation:**	98.652236
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445965.8
Code OB Desc:	Bedrock	**North83:**	5008244
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/19/1974	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025682
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	135
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025683
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	135
Formation End Depth:	180
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025680
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025681
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:	
Formation Top Depth:	20
Formation End Depth:	58
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10584783
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063975
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	180
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063974
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514236
Pump Set At:	
Static Level:	20
Final Level After Pumping:	50
Recommended Pump Depth:	65
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934099126
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642444
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381870
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900330
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933470067
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	178
Water Found Depth UOM:	ft

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34 ***1 of 1*** ***E/141.3*** ***86.2 / -0.91*** ***WWIS***

MANOTICK ON

Well ID:	7246070	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/5/2015
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z208894	***Owner:***	
Tag:	A178527	***Street Name:***	5521 MANOTICK MAIN
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	

Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005542842	***Elevation:***	88.54586
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446185
Code OB Desc:		***North83:***	5008365
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/2/2015	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005675102
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675103
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	3.66
Formation End Depth:	5.49
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675101
Layer:	1

Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675112
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675113
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675111
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005675100
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675106
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0

Depth To:	2.44
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675107
Layer:	1
Slot:	10
Screen Top Depth:	2.44
Screen End Depth:	5.49
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675104
Diameter:	11.43
Depth From:	0
Depth To:	5.49
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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35 **1 of 1** **E/143.4** **86.9 / -0.18** **MANOTICK ON** **WWIS**

Well ID:	7246074	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/5/2015
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208990	**Owner:**	
Tag:	A178535	**Street Name:**	5517 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005542876	**Elevation:**	88.290199
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446185
Code OB Desc:		**North83:**	5008336
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/2/2015	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1005675155
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675157
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675156
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675165
Layer:	1

Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675167
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675166
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005675154
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675160
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.15
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675161
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675158
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

36 ***1 of 1*** ***ENE/145.5*** ***85.3 / -1.79*** ***lot 1 ON*** **WWIS**

Well ID:	1506439	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	12/14/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028475	***Elevation:***	87.070487
DP2BR:	20	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446170.8
Code OB Desc:	Bedrock	***North83:***	5008432
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/1/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004528
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 66
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004526
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004527
Layer: 2
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 20
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577045
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049693
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	26
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049694
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	66
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506439
Pump Set At:	
Static Level:	24
Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	4
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460588
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

37	1 of 9	ESE/146.6	86.9 / -0.21	927995 Ontario Inc 5521 Manotick Main Street MAnotick ON K4M 1A2	GEN

Generator No:	ON5837719	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	531310		
SIC Description:	Real Estate Property Managers		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	2 of 9	ESE/146.6	86.9 / -0.21	terrapex 5521 manotick main street manotick ON	GEN

Generator No:	ON2904836	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541620		
SIC Description:	Environmental Consulting Services		

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	3 of 9	ESE/146.6	86.9 / -0.21	927995 Ontario Inc 5521 Manotick Main Street MAnotick ON K4M 1A2	GEN

Generator No:	ON5837719	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	531310		
SIC Description:	Real Estate Property Managers		

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	4 of 9	ESE/146.6	86.9 / -0.21	927995 Ontario Ltd. 5521 Manotick Main Street Manotick ON	GEN

Generator No:	ON2865683	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	811111		
SIC Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	5 of 9	ESE/146.6	86.9 / -0.21	Terrapex Environmental Ltd. 5521 Manotick Main Street Manotick ON	GEN

Generator No:	ON8530249	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541620, 541330		
SIC Description:	Environmental Consulting Services, Engineering Services		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	6 of 9	ESE/146.6	86.9 / -0.21	Terrapex Environmental Ltd. 5521 Manotick Main Street	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Manotick ON K4M1A8	

Generator No: ON8530249
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Keith Brown
Phone No Admin: 613-745-6471 Ext.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

37	7 of 9	ESE/146.6	86.9 / -0.21	Terrapex Environmental Ltd. 5521 Manotick Main Street Manotick ON K4M1A8	GEN

Generator No: ON8530249
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Keith Brown
Phone No Admin: 613-745-6471 Ext.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

37	8 of 9	ESE/146.6	86.9 / -0.21	Terrapex Environmental Ltd. 5521 Manotick Main Street Manotick ON K4M1A8	GEN

Generator No: ON8530249
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Kelsa Staffa
Phone No Admin: 613-745-6471 Ext.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

37	9 of 9	ESE/146.6	86.9 / -0.21	Terrapex Environmental Ltd. 5521 Manotick Main Street Manotick ON K4M1A8	GEN

Generator No: ON8530249
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

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38 ***1 of 1*** ***E/149.7*** ***86.9 / -0.18*** ***MANOTICK ON*** ***WWIS***

Well ID:	7265304	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	6/17/2016
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z229879	***Owner:***	
Tag:	A164397	***Street Name:***	1143 CLAPP ST.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006064828	***Elevation:***	88.336273
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446191
Code OB Desc:		***North83:***	5008334
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/31/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006125254
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0

Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125255
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	1.22
Formation End Depth:	2.44
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125256
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125264
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125266
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125265
Layer:	2
Plug From:	0.31
Plug To:	1.22

Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1006125253
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006125259
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 3.45
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006125260
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.21

Hole Diameter

Hole ID: 1006125257
Diameter: 5.71
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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39 ***1 of 1*** ***ESE/150.4*** ***86.9 / -0.21*** ***MANOTICK ON*** ***WWIS***

Well ID:	7246071	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/5/2015
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z208993	***Owner:***	

Tag:	A178526	***Street Name:***	5517 MANOTICK MAIN STREET
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005542845	***Elevation:***	88.332641
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446189
Code OB Desc:		***North83:***	5008322
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/2/2015	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005675116
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675117
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Other Materials:	GRAVEL
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	0.31
Formation End Depth:	5.18

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005675115
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 0.31
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675126
Layer: 2
Plug From: 0.31
Plug To: 1.52
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675125
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675127
Layer: 3
Plug From: 1.52
Plug To: 5.18
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1005675114
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1005675120
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.13
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675121
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675118
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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40 ***1 of 1*** ***ESE/152.7*** ***86.9 / -0.21*** ***WWIS***

MANOTICK ON

Well ID:	7246073	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	8/5/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z208991	***Owner:***	
Tag:	A178595	***Street Name:***	5517 MANOTICK MAIN STREET
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005542862	***Elevation:***	88.189361
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18

Code OB:		***East83:***	446185
Code OB Desc:		***North83:***	5008303
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/2/2015	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005675143
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675145
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675144
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675152
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675151
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675153
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005675142
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675148
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.13
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675149
Layer:	1
Slot:	10

Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675146
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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41 **1 of 1** **ESE/154.2** **86.9 / -0.21** **MANOTICK ON** **WWIS**

Well ID:	7217539	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	3/13/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z173614	**Owner:**	
Tag:		**Street Name:**	5521 MONOTICK MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004720168	**Elevation:**	88.374504
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446191
Code OB Desc:		**North83:**	5008315
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/14/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005097161

Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005097169
Layer:	1
Plug From:	0
Plug To:	1.83
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005097160
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005097164
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	13.97
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005097165
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1005097162
Diameter:	15.24
Depth From:	0
Depth To:	13.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 1	E/157.2	86.2 / -0.91	lot 2 ON	WWIS

Well ID:	1506477	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028513	**Elevation:**	88.989349
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446200.8
Code OB Desc:	Bedrock	**North83:**	5008367
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/7/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004620
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004622
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004621
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	38
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577083
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049768
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049769
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506477
Pump Set At:	
Static Level:	22
Final Level After Pumping:	22
Recommended Pump Depth:	25
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460626
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Well ID:	1506474	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	6/5/1959
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028510	**Elevation:**	88.000625
DP2BR:	13	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446180.8
Code OB Desc:	Bedrock	**North83:**	5008282
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	3/30/1959	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004614
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	44
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004613
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577080
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930049762
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	13
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049763
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	44
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506474
Pump Set At:	
Static Level:	6
Final Level After Pumping:	12
Recommended Pump Depth:	12
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460623
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

44	1 of 1	S/159.9	91.3 / 4.18	lot 2 con A ON	WWIS

Well ID:	1509945	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/28/1969
Sec. Water Use:	0	**Selected Flag:**	Yes

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1703
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10031977	***Elevation:***	91.429084
DP2BR:	38	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446060.8
Code OB Desc:	Bedrock	***North83:***	5008202
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/2/1968	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931013459
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931013460
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	85
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580547
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930056577
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	85
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930056576
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991509945
Pump Set At:	
Static Level:	25
Final Level After Pumping:	25
Recommended Pump Depth:	38
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
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: N

Water Details

Water ID: 933464864
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85
Water Found Depth UOM: ft

45	1 of 1	N/160.6	84.9 / -2.22	lot 1 ON	WWIS

Well ID: 1518655
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/8/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040525
DP2BR: 43
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/12/1983
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.311965
Elevrc:
Zone: 18
East83: 446029.8
North83: 5008521
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931039100
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN

Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039102
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 115
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039099
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039101
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 43
Formation End Depth: 115
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589095
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070745
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070746
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518655
Pump Set At:	
Static Level:	15
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934379972
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649953
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103967
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899492
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933475420
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

Water Details

Water ID:	933475421
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

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Well ID:	1506468	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/14/1957
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028504	**Elevation:**	88.117042
DP2BR:	34	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446185.8
Code OB Desc:	Bedrock	**North83:**	5008282
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/20/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004601
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004602
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	36
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:

Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577074
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049750
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	36
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049749
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506468
Pump Set At:	
Static Level:	6
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460617
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well ID:	1506584	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/19/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028620	**Elevation:**	95.503021
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445890.8
Code OB Desc:	Bedrock	**North83:**	5008422
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/17/1959	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004908
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004909
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	104
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577190
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049972
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	104
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049971
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506584
Pump Set At:	
Static Level:	20
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	3

Flowing Rate:	
Recommended Pump Rate:	3
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:	N

Water Details

Water ID:	933460744
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

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Well ID:	1506455	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	12/13/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028491	***Elevation:***	89.101387
DP2BR:	14	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446210.8
Code OB Desc:	Bedrock	***North83:***	5008372
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/12/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004570
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004569
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577061
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049724
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	68
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049723
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506455
Pump Set At:	
Static Level:	10
Final Level After Pumping:	22
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460604
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	63
Water Found Depth UOM:	ft

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Well ID:	1506445	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Public	***Date Received:***	5/30/1957
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028481	***Elevation:***	89.443191
DP2BR:	58	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445925.8
Code OB Desc:	Bedrock	***North83:***	5008482
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/28/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004544
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004546
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	117
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004545
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	

Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	58
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577051
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049704
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	117
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049703
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506445
Pump Set At:	
Static Level:	20
Final Level After Pumping:	25
Recommended Pump Depth:	
Pumping Rate:	7
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:	

Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933460594
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

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Generator No: ON7148101
Status:
Approval Years: 03,04,05,06
Contam. Facility:
MHSW Facility:
SIC Code: 541990
SIC Description: All Other Prof., Scientific & Tech. Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

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Well ID: 1506438
Construction Date:
Primary Water Use: Municipal
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/14/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession: A
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10028474
DP2BR: 40
Spatial Status:
Code OB: r

Elevation: 91.620368
Elevrc:
Zone: 18
East83: 445910.8

Code OB Desc:	Bedrock	***North83:***	5008467
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/10/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004524
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004525
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	87
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577044
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049692
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	87
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049691
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506438
Pump Set At:	
Static Level:	26
Final Level After Pumping:	40
Recommended Pump Depth:	
Pumping Rate:	4
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460587
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85
Water Found Depth UOM:	ft

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Well ID:	1506454	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/22/1950
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3566
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028490	***Elevation:***	89.245925
DP2BR:	14	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446215.8
Code OB Desc:	Bedrock	***North83:***	5008362
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/3/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004567
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004568
Layer:	2
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	48

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577060
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049722
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049721
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506454
Pump Set At:
Static Level: 14
Final Level After Pumping: 17
Recommended Pump Depth:
Pumping Rate: 5
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: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID:	933460603
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30
Water Found Depth UOM:	ft

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Well ID:	1519086	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040956	**Elevation:**	82.763244
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446031.8
Code OB Desc:	Bedrock	**North83:**	5008534
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	7/6/1984	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040552
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 115
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040550
Layer: 1
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 42
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040551
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 42
Formation End Depth: 115
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589526
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071503
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071504
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519086
Pump Set At:	
Static Level:	20
Final Level After Pumping:	100
Recommended Pump Depth:	100
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934106906
Test Type:	Draw Down
Test Duration:	15
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381647
Test Type:	Draw Down
Test Duration:	30
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901154
Test Type:	Draw Down
Test Duration:	60
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651625

Test Type:	Draw Down
Test Duration:	45
Test Level:	100
Test Level UOM:	ft

Water Details

Water ID:	933475969
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

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Well ID:	1506577	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1802
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028613	**Elevation:**	98.163352
DP2BR:	71	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445870.8
Code OB Desc:	Bedrock	**North83:**	5008392
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/5/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004893
Layer:	3
Color:	1

General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	120
Formation End Depth:	130
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004892
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	71
Formation End Depth:	120
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004891
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	71
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10577183
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049958
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	130
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	75
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506577
Pump Set At:	
Static Level:	44
Final Level After Pumping:	60
Recommended Pump Depth:	
Pumping Rate:	6
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:	3
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460736
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	130
Water Found Depth UOM:	ft

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Borehole ID:	611819	**Inclin FLG:**	No
OGF ID:	215513131	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	DEC-1960	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.226874

Total Depth m:	17.4	**Longitude DD:**	-75.685054
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446221
Drill Method:		**Northing:**	5008382
Orig Ground Elev m:	91.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	88.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389287	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

Geology Stratum ID:	218389288	**Mat Consistency:**	
Top Depth:	4.3	**Material Moisture:**	
Bottom Depth:	17.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00057LE. 00058.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 19000.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04327 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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Well ID:	1506478	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961

Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028514	**Elevation:**	88.843643
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008382
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/12/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004624
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	57
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004623
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13

Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577084
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049771
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	57
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049770
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506478
Pump Set At:	
Static Level:	16
Final Level After Pumping:	16
Recommended Pump Depth:	25
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460627
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1518586	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/13/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040456	**Elevation:**	83.252075
DP2BR:	27	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446026.8
Code OB Desc:	Bedrock	**North83:**	5008539
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/6/1983	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038886
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14

Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038888
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 78
Formation End Depth: 84
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038885
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038887
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 78
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589026
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070617
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 84
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930070616
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518586
Pump Set At:
Static Level: 20
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 15
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: N

Draw Down & Recovery

Pump Test Detail ID: 934103899
Test Type: Draw Down
Test Duration: 15
Test Level: 60

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934379903
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649884
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899006
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933475327
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

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Well ID: 1514801
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/15/1975
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10036771	**Elevation:**	89.385353
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446222.8
Code OB Desc:	Bedrock	**North83:**	5008360
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/24/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931027363
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027364
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027365
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	

Formation Top Depth:	15
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027366
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	73
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585341
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065004
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930065005
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	73
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514801
Pump Set At:	
Static Level:	20
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934644616
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100616
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383631
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902085
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933470771
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Water Details

Water ID:	933470770
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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Well ID:	1506586	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/7/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028622	**Elevation:**	92.929862
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446050.8
Code OB Desc:	Bedrock	**North83:**	5008182
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/1/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004912
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	02
Other Materials:	TOPSOIL
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	36
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004913
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	36
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004914
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	94
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577192
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049975
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	94
Casing Diameter:	5
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049974
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506586
Pump Set At:
Static Level: 34
Final Level After Pumping: 40
Recommended Pump Depth: 65
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 3
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: N

Water Details

Water ID: 933460746
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 94
Water Found Depth UOM: ft

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Well ID:	1506452	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/28/1949
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028488	**Elevation:**	89.153282
DP2BR:	18	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008332
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/6/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004563
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004564
Layer:	3
Color:	
General Color:	
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004562
Layer:	1
Color:	

General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577058
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049718
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049717
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506452
Pump Set At:	
Static Level:	10
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460601
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Well ID:	1518584	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/13/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040454	**Elevation:**	84.266288
DP2BR:	29	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446039.8
Code OB Desc:	Bedrock	**North83:**	5008543
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/6/1983	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038880

Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038879
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038881
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	29
Formation End Depth:	76
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038882
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	76
Formation End Depth:	84
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589024
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070612
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070613
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	84
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518584
Pump Set At:	
Static Level:	20
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	20
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934899004
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379901
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103897
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649882
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933475325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft

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Well ID:	7317451	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286634	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1007264436	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446225
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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Well ID:	1500490	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/25/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1802
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022533	**Elevation:**	83.113311
DP2BR:	40	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446010.8
Code OB Desc:	Bedrock	**North83:**	5008542
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/21/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930989393
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930989394
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	106
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10571103
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930037997
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	106
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930037996
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500490
Pump Set At:	
Static Level:	20
Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933453015
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

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Well ID:	1518364	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/3/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040234	***Elevation:***	84.219932
DP2BR:	47	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446029.8
Code OB Desc:	Bedrock	***North83:***	5008545
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	5/24/1983	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038212
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	47
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038214
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	105
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038213
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:	
Other Materials:	
Formation Top Depth:	47
Formation End Depth:	105
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588804
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070234
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070233
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	49
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518364
Pump Set At:	
Static Level:	30
Final Level After Pumping:	80
Recommended Pump Depth:	90
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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: N

Draw Down & Recovery

Pump Test Detail ID: 934103680
Test Type: Draw Down
Test Duration: 15
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378849
Test Type: Draw Down
Test Duration: 30
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934898369
Test Type: Draw Down
Test Duration: 60
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639909
Test Type: Draw Down
Test Duration: 45
Test Level: 80
Test Level UOM: ft

Water Details

Water ID: 933475062
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

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Well ID:	1506450	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/23/1949
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028486	**Elevation:**	89.643783
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446230.8
Code OB Desc:	Bedrock	**North83:**	5008352
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/26/1948	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004558
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	69
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004557
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	14
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004556

Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577056
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049713
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049714
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	69
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506450
Pump Set At:	
Static Level:	20
Final Level After Pumping:	24
Recommended Pump Depth:	
Pumping Rate:	30
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460599
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

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Well ID:	1506475	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	6/27/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028511	**Elevation:**	89.666419
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446230.8
Code OB Desc:	Bedrock	**North83:**	5008347
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/24/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004615
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004616
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577081
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049764
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049765

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506475
Pump Set At:	
Static Level:	32
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460624
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	89
Water Found Depth UOM:	ft

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Order No:	20161125034	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	02-DEC-16	**Search Radius (km):**	.25
Date Received:	25-NOV-16	**X:**	-75.686021
Previous Site Name:		**Y:**	45.225231
Lot/Building Size:			
Additional Info Ordered:	City Directory		

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Well ID:	1516267	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/17/1977
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10038197	***Elevation:***	94.796424
DP2BR:	33	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446030.8
Code OB Desc:	Bedrock	***North83:***	5008172
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/15/1977	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931031630
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	33
Formation End Depth:	73
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931031629
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	1
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931031628
Layer:	1
Color:	7
General Color:	RED
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10586767
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067198
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930067199
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	73
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516267
Pump Set At:	
Static Level:	30

Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934101778
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934640913
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379821
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898815
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933472543
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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Well ID:	1510653	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/21/1970

Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10032679	**Elevation:**	92.63755
DP2BR:	35	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446060.8
Code OB Desc:	Bedrock	**North83:**	5008172
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/23/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015476
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015475
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09

Other Materials:	MEDIUM SAND
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015477
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	91
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10581249
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930057931
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	91
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057930
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510653
Pump Set At:	
Static Level:	35
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934097259
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641153
Test Type:	Draw Down
Test Duration:	45
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897939
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379577
Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933465685
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well ID:	1518101	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/11/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10039972	**Elevation:**	89.17958
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/15/1982	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931037361
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037360
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037362
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588542
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069828
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930069827
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518101
Pump Set At:	
Static Level:	15
Final Level After Pumping:	65
Recommended Pump Depth:	65
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934897281
Test Type:	Draw Down
Test Duration:	60
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647590
Test Type:	Draw Down
Test Duration:	45
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103422
Test Type:	Draw Down
Test Duration:	15
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377757
Test Type:	Draw Down
Test Duration:	30
Test Level:	65
Test Level UOM:	ft

Water Details

Water ID:	933474745
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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Well ID:	1518224	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/6/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040094	**Elevation:**	89.17958
DP2BR:	39	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/18/1983	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931037762
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	39
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037763
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	39
Formation End Depth:	70
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588664
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070005
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070004
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518224
Pump Set At:	
Static Level:	18
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934378293
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639352
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103541
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897813
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933474895
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

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Well ID:	1518758	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/13/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040628	**Elevation:**	89.17958
DP2BR:	24	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/15/1983	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931039464
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	24
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039463
Layer:	1
Color:	2
General Color:	GREY

Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039465
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589198
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070932
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070931
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518758
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934650475
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103234
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899595
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380492
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475553
Layer:	1
Kind Code:	1
Kind:	FRESH

Water Found Depth: 58
Water Found Depth UOM: ft

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Well ID:	1518993	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/3/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040863	**Elevation:**	89.17958
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	h	**East83:**	446229.8
Code OB Desc:	Mixed in a Layer	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/13/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040263
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040264
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	44
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040265
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	44
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589433
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071332
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071333
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	75
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518993
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934651534
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106395
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900646
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381137
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475853
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	71
Water Found Depth UOM:	ft

Water Details

Water ID:	933475852
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

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Well ID:	1519082	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040952	***Elevation:***	89.17958
DP2BR:	38	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/17/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931040539
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 9
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040540
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040538
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 9
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589522
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930071495
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071496
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519082
Pump Set At:	
Static Level:	10
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934381643
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901150
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651621
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106902
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933475963
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

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Well ID:	1519083	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040953	***Elevation:***	89.17958
DP2BR:	23	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/1/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931040541
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040542
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589523
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071498
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071497
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519083
Pump Set At:	
Static Level:	10
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934651622
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381644
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106903
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901151
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475964
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

Water Details

Water ID:	933475965
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519089	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040959	**Elevation:**	89.17958
DP2BR:	35	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/9/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931040560
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040559
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589529
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071508
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	37
Casing Diameter:	6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071509
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519089
Pump Set At:	
Static Level:	20
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934106909
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901157
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381650
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651628

Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475973
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	59
Water Found Depth UOM:	ft

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Well ID:	1519092	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040962	**Elevation:**	89.17958
DP2BR:	46	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/10/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040567
Layer:	1
Color:	2

General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040569
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 46
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040568
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 46
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589532
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930071514
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071515
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519092
Pump Set At:	
Static Level:	15
Final Level After Pumping:	45
Recommended Pump Depth:	45
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934651631
Test Type:	Draw Down
Test Duration:	45
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901160
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381653
Test Type:	Draw Down
Test Duration:	30

Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106912
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933475976
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519093	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040963	**Elevation:**	89.17958
DP2BR:	49	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/9/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040571
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	28
Formation End Depth:	49
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040570
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	28
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040572
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	49
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589533

Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071516
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071517
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519093
Pump Set At:	
Static Level:	10
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934381654
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901161
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651632
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106913
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475977
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

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Well ID:	1519108	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/7/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040978	***Elevation:***	89.17958
DP2BR:	22	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/19/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931040625
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	12
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040626
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	20
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040624
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040627
Layer:	4

Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589548
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071544
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071545
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519108
Pump Set At:	
Static Level:	8
Final Level After Pumping:	30
Recommended Pump Depth:	40
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106928
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381669
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933475998
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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Well ID:	1519175	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/7/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041045	**Elevation:**	89.17958
DP2BR:	33	**Elevrc:**	
Spatial Status:		**Zone:**	18

Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/20/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040842
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	11
Other Materials:	GRAVEL
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040843
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	33
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589615
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071664
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071663
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519175
Pump Set At:	
Static Level:	21
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934107415
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382153
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652686

Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901237
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933476088
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

Water Details

Water ID:	933476089
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft

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Well ID:	1519331	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	10/25/1984
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Recharge Well	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041201	**Elevation:**	89.17958
DP2BR:	21	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321

Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/6/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931041336
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041338
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	21
Formation End Depth:	62
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041337
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	21
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10589771
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071941
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071942
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	62
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519331
Pump Set At:	
Static Level:	8
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934382725
Test Type:	Draw Down

Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107989
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901809
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652141
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933476284
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

Water Details

Water ID:	933476285
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519332	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/25/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	

Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041202	***Elevation:***	89.17958
DP2BR:	26	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/6/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931041340
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041339
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931041341
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589772
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071943
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	29
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071944
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519332
Pump Set At:	
Static Level:	10
Final Level After Pumping:	40
Recommended Pump Depth:	40

Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	15
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934901810
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382726
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652142
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107990
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933476287
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

Water Details

Water ID:	933476286
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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Well ID:	1519469	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/7/1985
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041339	**Elevation:**	89.17958
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/25/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931041787
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041788
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	84
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041786
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	24
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589909
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930072180
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	84
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930072179

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519469
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	50
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934893600
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934653255
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383276
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934109102
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933476471
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft

Water Details

Water ID:	933476470
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Well ID:	1514492	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/29/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036465	**Elevation:**	89.209854
DP2BR:	34	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446230.8
Code OB Desc:	Bedrock	**North83:**	5008322
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/1/1974	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931026392
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026393
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026394
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	55
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585035
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064446
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514492
Pump Set At:	
Static Level:	16
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934100325
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382507
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900965
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934643496
Test Type:	Draw Down
Test Duration:	45

Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933470371
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 53
Water Found Depth UOM: ft

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Borehole ID: 611820
OGF ID: 215513132
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 1.8
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 88.4
Elev Reliabil Note:
DEM Ground Elev m: 88.3
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.227054
Longitude DD: -75.684929
UTM Zone: 18
Easting: 446231
Northing: 5008402
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218389289
Top Depth: 0
Bottom Depth: .9
Material Color:
Material 1: Soil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SOIL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218389291
Top Depth: 6.1
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. WATER STABLE AT 284.0 FEET.K,LIMESTONE. CK. SEISMIC VELOCITY = 19000.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218389290
Top Depth: .9
Bottom Depth: 6.1

Mat Consistency:
Material Moisture:
Material Texture:

Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 043280 NTS_Sheet: 31G04G		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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Well ID:	1506443	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	4/3/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028479	**Elevation:**	87.745742
DP2BR:	22	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008442
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/1/1956	**UTMRC Desc:**	unknown UTM

Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931004539
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004541
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 65
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004540
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 22
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577049
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049700
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049699
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506443
Pump Set At:	
Static Level:	20
Final Level After Pumping:	24
Recommended Pump Depth:	
Pumping Rate:	4
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460592
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65

Water Found Depth UOM: ft

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Well ID:	1506428	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/7/1949
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028464	**Elevation:**	83.758438
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	445930.8
Code OB Desc:	Overburden	**North83:**	5008522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/21/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004498
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931004497
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577034
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049671
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049672
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	23
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506428
Pump Set At:	
Static Level:	1
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460574
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
74	1 of 13	ESE/196.7	88.8 / 1.73	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	9538909
Instance ID:	
Instance Type:	FS Facility
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	7/17/1997

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
74	2 of 13	ESE/196.7	88.8 / 1.73	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	10838777
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	7/17/1997

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
74	3 of 13	ESE/196.7	88.8 / 1.73	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	10838793
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED

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

TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

74	*4 of 13*	*ESE/196.7*	*88.8 / 1.73*	*KARL H POLSTERER MANOTICK SERVICE CENTRE* *5527 MAIN ST* *MANOTICK ON*	*EXP*

Instance No: 10838810
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

74	*5 of 13*	*ESE/196.7*	*88.8 / 1.73*	*KARL H POLSTERER MANOTICK SERVICE CENTRE* *5527 MAIN ST* *MANOTICK ON*	*EXP*

Instance No: 10838759
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

74	*6 of 13*	*ESE/196.7*	*88.8 / 1.73*	*KARL H POLSTERER MANOTICK SERVICE CENTRE* *5527 MAIN ST* *MANOTICK ON*	*EXP*

Instance No: 10838786
Instance ID: 44770
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

74	*7 of 13*	*ESE/196.7*	*88.8 / 1.73*	*KARL H POLSTERER MANOTICK SERVICE CENTRE* *5527 MAIN ST* *MANOTICK ON*	*EXP*

Instance No: 10838768
Instance ID: 44839
Instance Type: FS Piping
Description: FS Piping

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

Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

74	*8 of 13*	*ESE/196.7*	*88.8 / 1.73*	***KARL H POLSTERER MANOTICK SERVICE CENTRE*** ***5527 MAIN ST*** ***MANOTICK ON***	***EXP***

Instance No:	10838801
Instance ID:	45840
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

74	*9 of 13*	*ESE/196.7*	*88.8 / 1.73*	***KARL H POLSTERER MANOTICK SERVICE CENTRE*** ***5527 MAIN ST*** ***MANOTICK ON***	***EXP***

Instance No:	10838819
Instance ID:	43655
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

74	*10 of 13*	*ESE/196.7*	*88.8 / 1.73*	***KARL H POLSTERER MANOTICK SERVICE CENTRE*** ***5527 MAIN ST*** ***MANOTICK ON NULL***	***EXP***

Instance No:	10838810
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Full Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	7/17/1997

74	*11 of 13*	*ESE/196.7*	*88.8 / 1.73*	***KARL H POLSTERER MANOTICK SERVICE CENTRE*** ***5527 MAIN ST*** ***MANOTICK ON NULL***	***EXP***

Instance No:	10838793
Instance ID:	
Instance Type:	FS Liquid Fuel Tank

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

Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

74	12 of 13	ESE/196.7	88.8 / 1.73	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON NULL	EXP

Instance No: 10838777
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

74	13 of 13	ESE/196.7	88.8 / 1.73	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON NULL	EXP

Instance No: 10838759
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

75	1 of 1	ESE/197.1	88.2 / 1.15	lot 2 con A MANOTICK ON	WWIS

Well ID: 7311595
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z279436
Tag: A241619
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/25/2018
Selected Flag: Yes
Abandonment Rec:
Contractor: 7543
Form Version: 7
Owner:
Street Name: 5530 MAIN ST
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 002
Concession: A
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1007063924	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446208
Code OB Desc:		***North83:***	5008252
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:		***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007279165
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	6
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007279164
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007279166
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	8
Formation End Depth:	17.25
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007279174
Layer:	1
Plug From:	3
Plug To:	6.25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007279175
Layer:	2
Plug From:	6.25
Plug To:	17.25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007279176
Layer:	3
Plug From:	0
Plug To:	3
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	DIAMOND

Pipe Information

Pipe ID:	1007279163
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007279170
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	3
Depth To:	7.25
Casing Diameter:	1.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007279171
Layer:	1
Slot:	3
Screen Top Depth:	7.25
Screen End Depth:	17.25
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.66

Hole Diameter

Hole ID:	1007279168
Diameter:	2.25
Depth From:	8
Depth To:	17.25
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1007279167
Diameter:	3
Depth From:	0
Depth To:	8
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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76 ***1 of 1*** ***NW/197.3*** ***87.5 / 0.45*** ***lot 1 con A ON*** ***WWIS***

Well ID:	1506573	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/28/1948
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3728
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028609	***Elevation:***	90.858512
DP2BR:	32	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445900.8
Code OB Desc:	Bedrock	***North83:***	5008497

Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/15/1948	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004881
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004879
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Other Materials:	HARDPAN
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004880
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577179
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049951
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 32
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049952
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049950
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506573
Pump Set At:
Static Level: 12
Final Level After Pumping: 16
Recommended Pump Depth:
Pumping Rate: 3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460730
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

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Well ID:	1506590	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	10/25/1963
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028626	**Elevation:**	93.601898
DP2BR:	32	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446050.8
Code OB Desc:	Bedrock	**North83:**	5008162
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/3/1963	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004924
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	135
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004923
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577196
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049983
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049982
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	35
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506590
Pump Set At:	
Static Level:	25
Final Level After Pumping:	45
Recommended Pump Depth:	75
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460751
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	110
Water Found Depth UOM:	ft

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Well ID:	1506594	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	12/14/1966
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028630	**Elevation:**	98.156471
DP2BR:	62	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445850.8
Code OB Desc:	Bedrock	**North83:**	5008417
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/5/1966	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004934
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	62
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004936
Layer:	5
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	130
Formation End Depth:	144
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004933
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	

Formation Top Depth: 38
Formation End Depth: 62
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004935
Layer: 4
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 100
Formation End Depth: 130
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004932
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 38
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577200
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049990
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049991
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	144
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506594
Pump Set At:	
Static Level:	55
Final Level After Pumping:	144
Recommended Pump Depth:	75
Pumping Rate:	60
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933460755
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	144
Water Found Depth UOM:	ft

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Well ID:	1511644	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	1/13/1972
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	

Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10033638	***Elevation:***	91.858924
DP2BR:	34	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445890.8
Code OB Desc:	Bedrock	***North83:***	5008492
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/7/1971	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931018357
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	62
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018356
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018355
Layer:	1

Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018358
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	62
Formation End Depth:	135
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10582208
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930059761
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930059760
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	37
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991511644
Pump Set At:	
Static Level:	18
Final Level After Pumping:	80
Recommended Pump Depth:	90
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934098297
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901891
Test Type:	Draw Down
Test Duration:	60
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382839
Test Type:	Draw Down
Test Duration:	30
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644973
Test Type:	Draw Down
Test Duration:	45
Test Level:	80
Test Level UOM:	ft

Water Details

Water ID:	933466873
Layer:	3

Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

Water Details

Water ID:	933466872
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68
Water Found Depth UOM:	ft

Water Details

Water ID:	933466871
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

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Well ID:	1506436	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/22/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028472	**Elevation:**	87.979171
DP2BR:	27	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446235.8
Code OB Desc:	Bedrock	**North83:**	5008427
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	3/4/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004519
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004520
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004521
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 76
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID:	10577042
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049688
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	76
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049687
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506436
Pump Set At:	
Static Level:	20
Final Level After Pumping:	23
Recommended Pump Depth:	
Pumping Rate:	2
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:	0
Pumping Duration MIN:	20
Flowing:	N

Water Details

Water ID:	933460584
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	49
Water Found Depth UOM:	ft

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Well ID:	7261694	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	4/21/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	6364
Casing Material:		**Form Version:**	7
Audit No:	Z171373	**Owner:**	
Tag:	A133687	**Street Name:**	5478 WEST RIVE DR.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005935185	**Elevation:**	85.234184
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446021
Code OB Desc:		**North83:**	5008565
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/13/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID:	1006037597
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006037603
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006037604
Layer:	

Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006037602
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Water Details

Water ID: 1006037600
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Water Details

Water ID: 1006037601
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006037599
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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Well ID:	1506444	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/23/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028480	**Elevation:**	86.232147
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446215.8
Code OB Desc:	Bedrock	**North83:**	5008477
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	4/4/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004543
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004542
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:

Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577050
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049701
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049702
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506444
Pump Set At:	
Static Level:	19
Final Level After Pumping:	19
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460593
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Well ID:	1506466	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/9/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028502	**Elevation:**	89.054931
DP2BR:	21	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008247
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/15/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004596
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	21
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004597
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	21
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577072
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049745
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049746
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	51
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506466
Pump Set At:	
Static Level:	5
Final Level After Pumping:	10
Recommended Pump Depth:	
Pumping Rate:	4

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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460615
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	51
Water Found Depth UOM:	ft

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Order No:	20140905021	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10-SEP-14	**Search Radius (km):**	.25
Date Received:	05-SEP-14	**X:**	-75.684689
Previous Site Name:		**Y:**	45.227112
Lot/Building Size:			
Additional Info Ordered:			

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Well ID:	1515434	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/8/1976
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10037381	**Elevation:**	92.331085
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445880.8

Code OB Desc:	Bedrock	***North83:***	5008497
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/7/1976	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931029169
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029170
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	105
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029171
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	105
Formation End Depth:	135
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585951
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065985
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991515434
Pump Set At:	
Static Level:	30
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934895560
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376977
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934646852
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100913
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933471525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Water Details

Water ID:	933471526
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	133
Water Found Depth UOM:	ft

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Well ID:	1506451	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/19/1949
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028487	***Elevation:***	89.331604
DP2BR:	15	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446240.8
Code OB Desc:	Bedrock	***North83:***	5008272
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/18/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004560
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004561
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	62
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004559
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577057
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049715
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049716
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	62
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506451
Pump Set At:	
Static Level:	6
Final Level After Pumping:	8
Recommended Pump Depth:	
Pumping Rate:	7
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460600
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

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Well ID:	1506433	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/28/1952
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028469	***Elevation:***	86.09938
DP2BR:	36	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445910.8
Code OB Desc:	Bedrock	***North83:***	5008532
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/6/1952	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004512
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:	
Other Materials:	
Formation Top Depth:	36
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004511
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	36
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577039
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049681
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049682
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506433
Pump Set At:	
Static Level:	15
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460581
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

Water Details

Water ID:	933460580
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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Well ID:	1516781	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/27/1978
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10038676	**Elevation:**	98.636283
DP2BR:	87	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445850.8
Code OB Desc:	Bedrock	**North83:**	5008262
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/18/1978	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931033149
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	87
Formation End Depth:	115
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931033148
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	87
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10587246

Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067917
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	89
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516781
Pump Set At:	
Static Level:	25
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934900503
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381512
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934643019
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102350
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933473140
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

Water Details

Water ID:	933473141
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

89	1 of 1	SE/221.2	88.2 / 1.14	5536 Manotick Main Street Manotick ON K4M	EHS

Order No:	20180816167	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report (Rural)	**Client Prov/State:**	ON
Report Date:	23-AUG-18	**Search Radius (km):**	.3
Date Received:	16-AUG-18	**X:**	-75.685172
Previous Site Name:		**Y:**	45.225371
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos		

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Well ID:	1518719	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/24/1983
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040589	**Elevation:**	97.936378
DP2BR:	54	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445829.8
Code OB Desc:	Bedrock	**North83:**	5008421
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/14/1983	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931039330
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	96
Formation End Depth:	175
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039329
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	54
Formation End Depth:	96
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039327
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79

Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039328
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	18
Formation End Depth:	54
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589159
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070868
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	175
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070867
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518719
Pump Set At:	
Static Level:	35
Final Level After Pumping:	120
Recommended Pump Depth:	140
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934650436
Test Type:	Draw Down
Test Duration:	45
Test Level:	120
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380453
Test Type:	Draw Down
Test Duration:	30
Test Level:	120
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899556
Test Type:	Draw Down
Test Duration:	60
Test Level:	120
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934104031
Test Type:	Draw Down
Test Duration:	15
Test Level:	120
Test Level UOM:	ft

Water Details

Water ID:	933475504
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175
Water Found Depth UOM:	ft

Water Details

Water ID:	933475503
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	142
Water Found Depth UOM:	ft

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Well ID:	7168472	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	9/12/2011
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Alteration	**Abandonment Rec:**	
Water Type:		**Contractor:**	6357
Casing Material:		**Form Version:**	7
Audit No:	Z135785	**Owner:**	
Tag:	A120065	**Street Name:**	5484 WEST RIVER DR
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003561255	**Elevation:**	86.082611
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446105
Code OB Desc:		**North83:**	5008575
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	8/31/2011	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003932272
Layer:	1
Plug From:	0.1
Plug To:	1.7
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1003932263

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003932267
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.5
Depth To: 1.7
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1003932268
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: 1.7
Depth To:
Casing Diameter: 10
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003932269
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 1003932265
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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Well ID:	1513480	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/15/1973
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10035466	***Elevation:***	89.553153
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446255.8
Code OB Desc:	Bedrock	***North83:***	5008282
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	6
Date Completed:	7/25/1973	***UTMRC Desc:***	margin of error : 300 m - 1 km
Remarks:		***Location Method:***	p6
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931023496
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023497
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	86
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931023498
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	86
Formation End Depth:	130
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584036
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930062772
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513480
Pump Set At:	
Static Level:	7
Final Level After Pumping:	45
Recommended Pump Depth:	50
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934640107
Test Type:	Draw Down
Test Duration:	45
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099292
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379113
Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897582
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933469045
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

Water Details

Water ID:	933469046
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	129
Water Found Depth UOM:	ft

93	*1 of 1*	*ESE/229.9*	*90.0 / 2.87*	*lot 2 ON*	*WWIS*

Well ID:	1506464	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	1/30/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601

Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028500	**Elevation:**	89.683319
DP2BR:	6	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446255.8
Code OB Desc:	Bedrock	**North83:**	5008272
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/13/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004593
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004592
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577070
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049741
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049742
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506464
Pump Set At:	
Static Level:	10
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	5
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460613
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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Well ID:	7222585	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/26/2014
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Quality	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	4879
Casing Material:		***Form Version:***	7
Audit No:	Z175291	***Owner:***	
Tag:		***Street Name:***	5457 WEST RIVER DR.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004896704	***Elevation:***	85.102996
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445991
Code OB Desc:		***North83:***	5008586
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/9/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005207495
Layer:	1
Plug From:	6
Plug To:	20
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005207496
Layer: 1
Plug From: 6
Plug To: 20
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1005207488
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005207492
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 6
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005207493
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1005207490
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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Well ID:	1514081	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/13/1974
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	

Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036060	***Elevation:***	81.689826
DP2BR:	22	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446198.8
Code OB Desc:	Bedrock	***North83:***	5008533
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	5/6/1974	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025252
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025251
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931025253
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025254
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	120
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584630
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063695
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063696
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	128
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514081
Pump Set At:	
Static Level:	7
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934899781
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381319
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099827
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641894
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933469865
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

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Well ID:	1514082	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/13/1974
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036061	***Elevation:***	89.724586
DP2BR:	23	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446257.8
Code OB Desc:	Bedrock	***North83:***	5008272
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/6/1974	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025256
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:
Formation Top Depth: 4
Formation End Depth: 23
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025257
Layer: 3
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025255
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10584631
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063697
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063698
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514082
Pump Set At:	
Static Level:	7
Final Level After Pumping:	25
Recommended Pump Depth:	25
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934099828
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641895
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899782
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381320
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Water Details

Water ID:	933469866
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

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Well ID:	7317450	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286633	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1007264433	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446275
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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Well ID:	7317452	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018

Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286632	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1007264439	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446275
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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Well ID:	1510575	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	5/25/1970
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3002
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10032602	**Elevation:**	90.097099

DP2BR:	5	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446110.8
Code OB Desc:	Bedrock	**North83:**	5008137
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/22/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015271
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	48
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015270
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10581172
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930057780
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057781
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	48
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510575
Pump Set At:	
Static Level:	8
Final Level After Pumping:	20
Recommended Pump Depth:	30
Pumping Rate:	40
Flowing Rate:	
Recommended Pump Rate:	40
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	12
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934641099
Test Type:	Draw Down
Test Duration:	45
Test Level:	19
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097204
Test Type:	Draw Down
Test Duration:	15
Test Level:	17
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898580
Test Type:	Draw Down
Test Duration:	60
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379522
Test Type:	Draw Down
Test Duration:	30
Test Level:	19
Test Level UOM:	ft

Water Details

Water ID:	933465599
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

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Well ID:	1506483	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	9/14/1964
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028519	***Elevation:***	89.83142
DP2BR:	10	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446255.8
Code OB Desc:	Bedrock	***North83:***	5008262
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	9/1/1964	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004637
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004638
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 75
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577089
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049781
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049780
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506483
Pump Set At:	
Static Level:	17
Final Level After Pumping:	65
Recommended Pump Depth:	65
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	30
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460632
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

99	2 of 2	ESE/234.0	89.9 / 2.79	lot 2 ON	WWIS

Well ID:	1506472	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	1/22/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028508	**Elevation:**	89.83142
DP2BR:	22	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446255.8
Code OB Desc:	Bedrock	**North83:**	5008262
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/18/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004609
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004610
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	45
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:

Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577078
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049759
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049757
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049758
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 22
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506472
Pump Set At:
Static Level: 11
Final Level After Pumping: 14
Recommended Pump Depth:
Pumping Rate: 3
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:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460621
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

100 **1 of 1** **NNW/237.0** **85.9 / -1.21** **ON** **WWIS**

Well ID:	1509640	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/14/1968
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10031672	**Elevation:**	85.310096
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445990.8
Code OB Desc:	Bedrock	**North83:**	5008592
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/2/1968	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931012644
Layer:	1
Color:	
General Color:	

Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931012645
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580242
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930055981
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930055982
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50

Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991509640
Pump Set At:	
Static Level:	20
Final Level After Pumping:	22
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	5
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933464525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

101 ***1 of 1*** ***SE/237.6*** ***88.2 / 1.07*** ***lot 2 ON*** ***WWIS***

Well ID:	1510183	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/19/1969
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10032211	**Elevation:**	88.196739
DP2BR:	55	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446210.8

Code OB Desc:	Bedrock	***North83:***	5008192
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/28/1969	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931014131
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	48
Formation End Depth:	55
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931014129
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	21
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931014132
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	55
Formation End Depth:	101
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931014130
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	21
Formation End Depth:	48
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580781
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930057029
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	101
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057028
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510183
Pump Set At:	
Static Level:	50

Final Level After Pumping:	65
Recommended Pump Depth:	80
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934640010
Test Type:	Draw Down
Test Duration:	45
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378990
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934896930
Test Type:	Draw Down
Test Duration:	60
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934096811
Test Type:	Draw Down
Test Duration:	15
Test Level:	55
Test Level UOM:	ft

Water Details

Water ID:	933465124
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

102	*1 of 2*	*ESE/238.7*	*89.6 / 2.51*	***INTERSECTION OF MILL STREET & MAIN STREET MANOTICK ON***	***HINC***

External File Num:	FS INC 0812-07506
Fuel Occurrence Type:	Discovery of a Petroleum Product

Date of Occurrence:	12/3/2008
Fuel Type Involved:	Gasoline
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Other-Specify
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Other-specify
Root Cause:	
Reported Details:	Discovered in a Bell Canada conduit tunnel
Fuel Category:	Liquid Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

102	2 of 2	ESE/238.7	89.6 / 2.51	**Bell Canada** **Manotick Main St and Mill St** **Ottawa ON**	SPL

Ref No:	4615-7LYLTG	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Discharge Or Bypass To A Watercourse	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:	12	**Nearest Watercourse:**	
Contaminant Name:	GASOLINE	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	12/3/2008	**Site Map Datum:**	
Dt Document Closed:	12/5/2008	**SAC Action Class:**	Watercourse Spills
Incident Reason:		**Source Type:**	
Site Name:	Bell Canada Manhole<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Bell Manhole: gas contamination from Stinson Gas Stn		
Contaminant Qty:			

103	1 of 1	SE/239.4	86.8 / -0.30	**lot 2** **ON**	WWIS

Well ID:	1506481	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	3/7/1963
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	

Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028517	***Elevation:***	87.970985
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446190.8
Code OB Desc:	Bedrock	***North83:***	5008172
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	2/1/1963	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004632
Layer:	1
Color:	
General Color:	
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004633
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	60
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10577087
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049777
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049776
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506481
Pump Set At:	
Static Level:	10
Final Level After Pumping:	40
Recommended Pump Depth:	45
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933460630
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55
Water Found Depth UOM:	ft

104	1 of 1	E/240.2	90.0 / 2.87	lot 2 ON	WWIS

Well ID:	1515817	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	2/8/1977
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10037757	**Elevation:**	89.868125
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446280.8
Code OB Desc:	Bedrock	**North83:**	5008322
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/3/1976	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931030314
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030315
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	90
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030316
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	90
Formation End Depth:	143
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10586327
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066552
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44
Casing Diameter:	6
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515817
Pump Set At:
Static Level: 12
Final Level After Pumping: 90
Recommended Pump Depth: 100
Pumping Rate: 40
Flowing Rate:
Recommended Pump Rate: 40
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934101386
Test Type: Draw Down
Test Duration: 15
Test Level: 90
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378159
Test Type: Draw Down
Test Duration: 30
Test Level: 90
Test Level UOM: ft

Water Details

Water ID: 933471992
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 110
Water Found Depth UOM: ft

Water Details

Water ID: 933471993
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 135
Water Found Depth UOM: ft

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Well ID: 1519106
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src: 1
Date Received: 8/7/1984

Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040976	**Elevation:**	96.822509
DP2BR:	19	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446029.8
Code OB Desc:	Bedrock	**North83:**	5008121
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/11/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040618
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	9
Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040620
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78

Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040619
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	16
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040617
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589546
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071541
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE

Depth From:	
Depth To:	100
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071540
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519106
Pump Set At:	
Static Level:	25
Final Level After Pumping:	60
Recommended Pump Depth:	80
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106926
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381667
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933475995
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	91
Water Found Depth UOM:	ft

Water Details

Water ID:	933475996
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97
Water Found Depth UOM:	ft

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Well ID:	1519109	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/7/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040979	***Elevation:***	96.822509
DP2BR:	24	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446029.8
Code OB Desc:	Bedrock	***North83:***	5008121
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/20/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040628
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED

Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040630
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 24
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040629
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 10
Formation End Depth: 24
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589549
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071547
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	509
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071546
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	32
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519109
Pump Set At:	
Static Level:	8
Final Level After Pumping:	30
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934651644
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381670
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901173
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106929
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933475999
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft

Water Details

Water ID:	933476000
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	46
Water Found Depth UOM:	ft

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Well ID:	1519314	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/25/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041184	**Elevation:**	96.822509
DP2BR:	29	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446029.8
Code OB Desc:	Bedrock	**North83:**	5008121
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/28/1984	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931041285
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 29
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931041286
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 44
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931041284
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion

Other Method Construction:

Pipe Information

Pipe ID: 10589754
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071910
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071909
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519314
Pump Set At:
Static Level: 15
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 10
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: N

Draw Down & Recovery

Pump Test Detail ID: 934107972
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934382708
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652124
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901792
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933476260
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	39
Water Found Depth UOM:	ft

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Well ID:	1519491	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/7/1985
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041361	**Elevation:**	96.822509
DP2BR:	37	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446029.8

Code OB Desc:	Bedrock	***North83:***	5008121
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/8/1984	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931041846
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	37
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041845
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041848
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	140
Formation End Depth:	165
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041847
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	37
Formation End Depth:	140
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589931
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930072218
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	165
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930072217
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	39
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519491
Pump Set At:	
Static Level:	10

Final Level After Pumping:	80
Recommended Pump Depth:	80
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934109124
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934894039
Test Type:	Draw Down
Test Duration:	60
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383298
Test Type:	Draw Down
Test Duration:	30
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934653277
Test Type:	Draw Down
Test Duration:	45
Test Level:	80
Test Level UOM:	ft

Water Details

Water ID:	933476495
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145
Water Found Depth UOM:	ft

Water Details

Water ID:	933476496
Layer:	2
Kind Code:	1
Kind:	FRESH

Water Found Depth: 160
Water Found Depth UOM: ft

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Well ID:	1514913	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/11/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036879	**Elevation:**	95.517005
DP2BR:	35	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445832.8
Code OB Desc:	Bedrock	**North83:**	5008479
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/26/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931027664
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027665
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027663
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027666
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	60
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585449

Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065195
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930065194
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514913
Pump Set At:	
Static Level:	15
Final Level After Pumping:	25
Recommended Pump Depth:	40
Pumping Rate:	25
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934100719
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893844
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384152
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645137
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Water Details

Water ID:	933470889
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53
Water Found Depth UOM:	ft

107 ***1 of 1*** ***E/242.2*** ***89.1 / 1.99*** ***lot 2 ON*** ***WWIS***

Well ID:	1506463	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Public	***Date Received:***	1/30/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028499	***Elevation:***	90.054122
DP2BR:	10	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446285.8
Code OB Desc:	Bedrock	***North83:***	5008352
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/28/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004590
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004591
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 120
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577069
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049739
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	24
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049740
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506463
Pump Set At:	
Static Level:	20
Final Level After Pumping:	24
Recommended Pump Depth:	
Pumping Rate:	5
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:	1
Pumping Duration MIN:	6
Flowing:	N

Water Details

Water ID:	933460612
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

108	1 of 6	SSE/243.8	88.9 / 1.79	1168 MAPLE STREET MANOTICK ON	HINC

External File Num:	FS INC 0611-04142
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	10/31/2006
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (excluding pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Utilization
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:No Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel

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

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

108	2 of 6	SSE/243.8	88.9 / 1.79	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	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 Link:			

108	3 of 6	SSE/243.8	88.9 / 1.79	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	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 Link:			

108	4 of 6	SSE/243.8	88.9 / 1.79	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MANOTICK ON K4M 1A5	

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 Link:			

108	5 of 6	SSE/243.8	88.9 / 1.79	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	PES

Detail Licence No:	23-01-13552-0	Operator Box:	
Licence No:		Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:		Oper Area Code:	
Licence Type:	LIMITED	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 Link:			

108	6 of 6	SSE/243.8	88.9 / 1.79	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	PES

Detail Licence No:		Operator Box:	
Licence No:	13552	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	613
Licence Type:	Limited Vendor	Oper Phone No:	6924766
Licence Type Code:	23	Operator Ext:	
Licence Class:	01	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 Link:			

109	1 of 1	W/244.2	96.9 / 9.82	lot 1 con A ON	WWIS

Well ID:	1513345	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/13/1973
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10035332	**Elevation:**	96.462417
DP2BR:	61	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445799.8
Code OB Desc:	Bedrock	**North83:**	5008350
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/3/1973	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931023102
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 108
Formation End Depth: 130
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931023101
Layer: 2
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 61
Formation End Depth: 108
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931023100
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 61
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10583902
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062580
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 130
Casing Diameter: 6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930062579
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513345
Pump Set At:	
Static Level:	30
Final Level After Pumping:	85
Recommended Pump Depth:	95
Pumping Rate:	9
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934099041
Test Type:	Draw Down
Test Duration:	15
Test Level:	85
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897038
Test Type:	Draw Down
Test Duration:	60
Test Level:	85
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378572
Test Type:	Draw Down
Test Duration:	30
Test Level:	85
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639567

Test Type:	Draw Down
Test Duration:	45
Test Level:	85
Test Level UOM:	ft

Water Details

Water ID:	933468877
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

110 | **1 of 1** | **ENE/244.8** | **86.6 / -0.49** | **lot 2 ON** | **WWIS**

Well ID:	1515777	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	1/12/1977
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10037720	**Elevation:**	88.271766
DP2BR:	11	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446280.8
Code OB Desc:	Bedrock	**North83:**	5008422
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/16/1976	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931030205
Layer:	1
Color:	6

General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030206
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	71
Other Materials:	FRACTURED
Mat3:	
Other Materials:	
Formation Top Depth:	11
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931030207
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	60
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10586290
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066483
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930066482
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991515777
Pump Set At:	
Static Level:	7
Final Level After Pumping:	20
Recommended Pump Depth:	25
Pumping Rate:	40
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934101350
Test Type:	Draw Down
Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639226
Test Type:	Draw Down
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378122
Test Type:	Draw Down
Test Duration:	30

Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897127
Test Type: Draw Down
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933471950
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 55
Water Found Depth UOM: ft

Water Details

Water ID: 933471949
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

111	1 of 1	WSW/246.2	96.9 / 9.79	BINOMIAL International Inc. 5497 Colony Heights Rd Suite 210 Manotick ON K4M 1A7	SCT

Established: 01-JAN-72
Plant Size (ft²):
Employment:

--Details--
Description: Administrative Management and General Management Consulting Services
SIC/NAICS Code: 541611

Description: Software Publishers
SIC/NAICS Code: 511210

Description: Other Scientific and Technical Consulting Services
SIC/NAICS Code: 541690

Description: Computer Systems Design and Related Services
SIC/NAICS Code: 541510

Description: Other Scientific and Technical Consulting Services
SIC/NAICS Code: 541690

Description: Other Management Consulting Services
SIC/NAICS Code: 541619

112	1 of 1	W/246.9	96.9 / 9.79	lot 1 con A ON	WWIS

Well ID: 1513692 **Data Entry Status:**

Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/14/1974
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10035674	**Elevation:**	96.380554
DP2BR:	43	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445800.8
Code OB Desc:	Bedrock	**North83:**	5008317
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/4/1973	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931024199
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024201
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15

Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	43
Formation End Depth:	98
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931024200
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	8
Formation End Depth:	43
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10584244
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930063096
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063097
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	98
Casing Diameter:	6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513692
Pump Set At:	
Static Level:	10
Final Level After Pumping:	70
Recommended Pump Depth:	75
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	5
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934640713
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379720
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934099480
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898187
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933469360
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90

Water Found Depth UOM: ft

113 **1 of 1** **NNW/247.3** **85.9 / -1.21** **MANOTICK ON** **WWIS**

Well ID:	7220875	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	5/28/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4879
Casing Material:		**Form Version:**	7
Audit No:	Z175283	**Owner:**	
Tag:	A151618	**Street Name:**	5474 WEST RIVER DR
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004781511	**Elevation:**	85.743316
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445993
Code OB Desc:		**North83:**	5008603
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/7/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005164476
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1005164479
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	140
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005164477
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Other Materials:	STONES
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	7
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005164478
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	58
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005164513
Layer:	1
Plug From:	0
Plug To:	20.5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1005164474
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005164483
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	20.5
Depth To:	140
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1005164482
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	26.5
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005164484
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005164475
Pump Set At:	130
Static Level:	5.35
Final Level After Pumping:	29.55
Recommended Pump Depth:	130
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	6
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:

Draw Down & Recovery

Pump Test Detail ID: 1005164492
Test Type: Recovery
Test Duration: 4
Test Level: 14.61
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164498
Test Type: Recovery
Test Duration: 15
Test Level: 6.33
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164500
Test Type: Recovery
Test Duration: 20
Test Level: 6.03
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164501
Test Type: Draw Down
Test Duration: 25
Test Level: 24.52
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164488
Test Type: Recovery
Test Duration: 2
Test Level: 18.55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164508
Test Type: Recovery
Test Duration: 50
Test Level: 5.41
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164494
Test Type: Recovery
Test Duration: 5
Test Level: 12.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164485
Test Type: Draw Down
Test Duration: 1
Test Level: 10.8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164490
Test Type: Recovery
Test Duration: 3
Test Level: 16.4
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164497
Test Type: Draw Down
Test Duration: 15
Test Level: 21.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164509
Test Type: Draw Down
Test Duration: 60
Test Level: 29.55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164499
Test Type: Draw Down
Test Duration: 20
Test Level: 23.39
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164489
Test Type: Draw Down
Test Duration: 3
Test Level: 12.7
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164491
Test Type: Draw Down
Test Duration: 4
Test Level: 14.05
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164493
Test Type: Draw Down
Test Duration: 5
Test Level: 15.19
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164495
Test Type: Draw Down
Test Duration: 10
Test Level: 19.72
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164496
Test Type: Recovery
Test Duration: 10
Test Level: 7.6
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164502
Test Type: Recovery
Test Duration: 25
Test Level: 5.85
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164503
Test Type: Draw Down
Test Duration: 30
Test Level: 25.34
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164505
Test Type: Draw Down
Test Duration: 40
Test Level: 27.11
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164486
Test Type: Recovery
Test Duration: 1
Test Level: 22.8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164487
Test Type: Draw Down
Test Duration: 2
Test Level: 12.29

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164504
Test Type: Recovery
Test Duration: 30
Test Level: 5.61
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164506
Test Type: Recovery
Test Duration: 40
Test Level: 5.49
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164507
Test Type: Draw Down
Test Duration: 50
Test Level: 28.58
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164510
Test Type: Recovery
Test Duration: 60
Test Level: 5.39
Test Level UOM: ft

Water Details

Water ID: 1005164481
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 96
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005164480
Diameter: 6
Depth From: 0
Depth To: 140
Hole Depth UOM: ft
Hole Diameter UOM: inch

114	1 of 1	E/247.8	89.5 / 2.43	lot 1 con A ON	WWIS

Well ID:	1510421	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/29/1969
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10032449	**Elevation:**	90.089935
DP2BR:	34	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446290.8
Code OB Desc:	Bedrock	**North83:**	5008342
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/28/1969	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931014845
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	18
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931014843
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931014844
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 09
Other Materials: MEDIUM SAND
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931014847
Layer: 5
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 90
Formation End Depth: 150
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931014846
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 34
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10581019
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930057488
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	150
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057487
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510421
Pump Set At:	
Static Level:	30
Final Level After Pumping:	33
Recommended Pump Depth:	70
Pumping Rate:	16
Flowing Rate:	
Recommended Pump Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934897473
Test Type:	Draw Down
Test Duration:	60
Test Level:	33
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378417
Test Type:	Draw Down
Test Duration:	30
Test Level:	33
Test Level UOM:	ft

Water Details

Water ID:	933465406
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	146
Water Found Depth UOM:	ft

115 | **1 of 1** | **SE/248.1** | **89.6 / 2.51** | **5538 & 5540 Manotick Main Street Manotick ON** | **EHS**

Order No:	20110926009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10/4/2011	**Search Radius (km):**	0.25
Date Received:	9/26/2011 10:55:08 AM	**X:**	-75.68476
Previous Site Name:		**Y:**	45.225349
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

116 | **1 of 1** | **NNE/249.9** | **86.9 / -0.21** | **ON** | **WWIS**

Well ID:	1500515	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/19/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1301
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022558	**Elevation:**	86.9262
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446125.8
Code OB Desc:	Bedrock	**North83:**	5008597
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/16/1959	**UTMRC Desc:**	margin of error : 30 m - 100 m

Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 930989452
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989453
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 110
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571128
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038048
Layer: 2
Material: 4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038047
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500515
Pump Set At:	
Static Level:	8
Final Level After Pumping:	10
Recommended Pump Depth:	10
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
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:	N

Water Details

Water ID:	933453040
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

117	1 of 3	ENE/250.0	86.6 / -0.49	City of Ottawa 1125 Clapp Lane Manotick ON K4M 1A5	GEN

Generator No:	ON7977016	**PO Box No:**	
Status:		**Country:**	
Approval Years:	07,08	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	812320		
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)		

Detail(s)

Waste Class:	212

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

Waste Class Desc: ALIPHATIC SOLVENTS

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117 **2 of 3** **ENE/250.0** **86.6 / -0.49**

City of Ottawa
1125 Clapp Lane
Manotick ON

GEN

Generator No: ON7977016
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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117 **3 of 3** **ENE/250.0** **86.6 / -0.49**

City of Ottawa
1125 Johnstone Clapp Lane
Ottawa ON

GEN

Generator No: ON5172468
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Unplottable Summary

Total: 23 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Mill Street	Ottawa ON	
CA	MINISTRY OF THE ENVIRONMENT	MANOTICK WATER SUPPLY SYSTEM	RIDEAU TWP. ON	
ECA	City of Ottawa	Mill Street	Ottawa ON	K1P 1J1
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG.	(SEE SCHEDULE "B") ON	K1P 6L9
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #13 AT MANOTICK C/O 222 QUEEN ST.	OTTAWA ON	K1P 2Z3
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION	(SEE SCHEDULE "B") ON	K1P 6L9
GEN	RIDEAU ANIMAL HOSPITAL 33-274	1 ANN ST.	MANOTICK ON	K0A 2N0
GEN	RIDEAU ANIMAL (OUT OF BUS.)	1 ANN ST.	MANOTICK ON	K0A 2N0
GEN	RIDEAU ANIMAL HOSPITAL	1 ANN ST.	MANOTICK ON	K0A 2N0
GEN	RIDEAU ANIMAL HOSPITAL	1 ANN ST.	MANOTICK ON	K0A 2N0
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG.	(SEE SCHEDULE "B") ON	
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG.	(SEE SCHEDULE "B") ON	K1P 6L9
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG.	(SEE SCHEDULE "B") ON	K1P 6L9
GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION	(SEE SCHEDULE "B") ON	K1P 6L9

GEN	Bell Canada	VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION	(SEE SCHEDULE "B") ON	K1P 6L9
GEN	OTTAWA-CARLETON, REGIONAL MUN. OF 29-005	REGIONAL ROAD #13 AT MANOTICK C/O 111 LISGAR ST. CARTIER SQUARE	OTTAWA ON	K1P 2Z3
PRT	KARL H POLSTERER MANOTICK SERVICE CENTRE	BRIDGE ST	MANOTICK ON	
SPL	s.21<UNOFFICIAL>		Ottawa ON	
SPL	Bell Canada		Ottawa ON	
SPL	TRANSPORT TRUCK	REG. RD # 8. MOTOR VEHICLE (OPERATING FLUID)	RIDEAU TOWNSHIP ON	
SPL	s.21<UNOFFICIAL>		Ottawa ON	

Unplottable Report

Site: ***City of Ottawa***
Mill Street Ottawa ON

Database: ***CA***

Certificate #:	6710-5YNR5J
Application Year:	2005
Issue Date:	1/4/2005
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: ***MINISTRY OF THE ENVIRONMENT***
MANOTICK WATER SUPPLY SYSTEM RIDEAU TWP. ON

Database: ***CA***

Certificate #:	7-0431-92-
Application Year:	92
Issue Date:	7/9/1992
Approval Type:	Municipal water
Status:	Preliminary approval
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Mill Street Ottawa ON K1P 1J1

Database: ***ECA***

Approval No:	6710-5YNR5J	***MOE District:***	
Approval Date:	2005-01-04	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Mill Street		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0797-5Y3SAJ-14.pdf		

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG. (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No:	ONR000304	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_ADMIN

Contam. Facility:	No	***Co Admin:***	Chloé Lamothe-Luneau
MHSW Facility:	No	***Phone No Admin:***	514-391-1021 Ext.
SIC Code:	517110, 517210, 517510		
SIC Description:	WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510		

Detail(s)

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: ***City of Ottawa***
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database: ***GEN***

Generator No:	ON6802088	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	913910		
SIC Description:	Other Local Municipal and Regional Public Administration		

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: ***City of Ottawa***
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database: ***GEN***

Generator No:	ON6802088	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2010	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	913910		
SIC Description:	Other Local Municipal and Regional Public Administration		

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: ***OTTAWA-CARLTON, REGIONAL MUN OF***

Database: ***GEN***

REGIONAL ROAD #13 AT MANOTICK C/O 222 QUEEN ST. OTTAWA ON K1P 2Z3

Generator No:	ON0303101	***PO Box No:***	
Status:		***Country:***	
Approval Years:	88,89,90	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8351		
SIC Description:	EXEC./LEGIS. ADMIN.		

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No:	ONR000306	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2014	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	Julie Labelle
MHSW Facility:	No	***Phone No Admin:***	514-870-0688 Ext.
SIC Code:	517110, 517210, 517510		
SIC Description:	WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510		

Detail(s)

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: ***RIDEAU ANIMAL HOSPITAL 33-274***
1 ANN ST. MANOTICK ON K0A 2N0

Database: ***GEN***

Generator No:	ON0731100	***PO Box No:***	
Status:		***Country:***	
Approval Years:	92,93,94,95,96	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	0211		
SIC Description:	VETERINARY SERVICE		

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: ***RIDEAU ANIMAL (OUT OF BUS.)***
1 ANN ST. MANOTICK ON K0A 2N0

Database: ***GEN***

Generator No:	ON0731100	***PO Box No:***	
Status:		***Country:***	
Approval Years:	97,98	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	0211		
SIC Description:	VETERINARY SERVICE		

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: ***RIDEAU ANIMAL HOSPITAL***
1 ANN ST. MANOTICK ON K0A 2N0

Database: ***GEN***

Generator No:	ON0731100	***PO Box No:***	
Status:		***Country:***	
Approval Years:	88,89,90	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	0211		
SIC Description:	VETERINARY SERVICE		

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: ***RIDEAU ANIMAL HOSPITAL***
1 ANN ST. MANOTICK ON K0A 2N0

Database: ***GEN***

Generator No:	ON0731100	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	0211		
SIC Description:	VETERINARY SERVICE		

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG. (SEE SCHEDULE "B") ON

Database: ***GEN***

Generator No:	ONR000304	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2013	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	517110, 517210, 517510		

SIC Description: WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG. (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No: ONR000304
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 517110, 517210, 517510
SIC Description: WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Julie Labelle
Phone No Admin: 514-870-0688 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE EASTERN REG. (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No: ONR000304
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 517110, 517210, 517510
SIC Description: WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Julie Labelle
Phone No Admin: 514-870-0688 Ext.

Detail(s)

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No: ONR000306
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 517110, 517210, 517510
SIC Description: WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Chloé Lamothe-Luneau
Phone No Admin: 514-391-1021 Ext.

Detail(s)

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

Waste Class: 150
Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: ***Bell Canada***
VARIOUS BELL CANADA MANHOLES AND ACCESS CHAMBERS WITHIN THE MOE NORTHERN REGION (SEE SCHEDULE "B") ON K1P 6L9

Database: ***GEN***

Generator No: ONR000306
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 517110, 517210, 517510
SIC Description: WIRED TELECOMMUNICATIONS CARRIERS, WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE), 517510

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Julie Labelle
Phone No Admin: 514-870-0688 Ext.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	253
Waste Class Desc:	EMULSIFIED OILS
Waste Class:	150
Waste Class Desc:	INERT INORGANIC WASTES
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

Site: ***OTTAWA-CARLETON, REGIONAL MUN. OF 29-005***
REGIONAL ROAD #13 AT MANOTICK C/O 111 LISGAR ST. CARTIER SQUARE OTTAWA ON K1P 2Z3

Database: ***GEN***

Generator No:	ON0303101	***PO Box No:***	
Status:		***Country:***	
Approval Years:	94,95	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8351		
SIC Description:	EXEC./LEGIS. ADMIN.		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

Site: ***KARL H POLSTERER MANOTICK SERVICE CENTRE***
BRIDGE ST MANOTICK ON

Database: ***PRT***

Location ID:	8399
Type:	retail
Expiry Date:	1995-06-30
Capacity (L):	90800
Licence #:	0020996001

Site: ***s.21<UNOFFICIAL>***
Ottawa ON

Database: ***SPL***

Ref No:	3067-BCMQCN	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/29/2019	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Yes	***Easting:***	
Dt MOE Arvl on Scn:	6/3/2019	***Site Geo Ref Accu:***	
MOE Reported Dt:	5/29/2019	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	

Incident Reason:		***Source Type:***	
Site Name:	s.21 3155 Lafleur Road Sarsfield, Ontario<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Caller Report Liquid Manure Entering Hickenbottom		
Contaminant Qty:			

Site: ***Bell Canada Ottawa ON*** — ***Database:*** ***SPL***

Ref No:	8881-9J2J33	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/04/10	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Leak/Break	***Sector Type:***	Pipeline/Components
Incident Event:		***Agency Involved:***	
Contaminant Code:	38	***Nearest Watercourse:***	
Contaminant Name:	FREON R-22 (CFC)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Air Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Referral to others	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/04/10	***Site Map Datum:***	
Dt Document Closed:	2014/11/04	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	3212 Richmond Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Bell Canada: possible >100 kg freon to atm.		
Contaminant Qty:	0 other - see incident description		

Site: ***TRANSPORT TRUCK REG. RD # 8. MOTOR VEHICLE (OPERATING FLUID) RIDEAU TOWNSHIP ON*** — ***Database:*** ***SPL***

Ref No:	150051	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/8/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20612
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FD
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/8/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK- DIESEL LEAK TO REG. RD & DITCH, MVA, FD ON SITE.		
Contaminant Qty:			

Ref No:	6853-BCWJ5N	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/25/2019	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Individual
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	25	***Nearest Watercourse:***	
Contaminant Name:	PESTICIDE N.O.S.	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	n/a	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/7/2019	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	

Site Name: 508 Acceptance Place (impacted property) - Agricultural application across street<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Agricultural Drift Complaint
Contaminant Qty:

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

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2019

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-Oct 2018

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-Jul 31, 2019

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 2017

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: Feb 28, 2017

Chemical Register: 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-Jul 31, 2019

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 - Aug 2019

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-Sep 2019

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Oct 31, 2019

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 - Sep 2019

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-Oct 31, 2019

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-Oct 31, 2019

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-Oct 31, 2019

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-Oct 31, 2019

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: Dec 31, 2016

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 or 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, 2018

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: Feb 28, 2017

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.

Government Publication Date: Jun 2000-Aug 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FED TANKS

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: May 31, 2018

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 2018

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: Feb 28, 2017

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-Jul 31, 2019

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 2017

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 in 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: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

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-Jan 2019

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, 2017

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-Apr 2018

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, 2019

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: 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.

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-Aug 31, 2019

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-Jun 2019

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 all 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-Oct 31, 2019

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: 1988-Oct 2019

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 in 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, 2017

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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Oct 31, 2019

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: 1986-2016

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).

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2019

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-Jul 31, 2019

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

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-Jun 2019

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all 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. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

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-Aug 2018

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, 2017

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-Oct 31, 2019

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: Feb 28, 2019

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.

APPENDIX G

Historical Land Use Inventory

File Number: D06-03-19-0196

January 23, 2020

Nicole Soucy
GEMTEC Consulting Engineers and Scientists Limited
32 Steacie Drive
Ottawa, ON
K2K 2A9

Sent via email [nicole.soucy@gemtec.ca]

Dear Ms. Soucy,

Re: Information Request
5506 Manotick Main Street, Ottawa, Ontario ("Subject Property")

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 18 activities associated with the properties located within 250m of the Subject Property.

City of Ottawa
Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 21690
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 21690
Téléc: (613) 560-6006
www.ottawa.ca

Please note that certain activities have been identified to have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

A site map and table have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database’s location of the Activity Numbers with a PIN Certainty of “2”.

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

The Environmental Registry found at **http://www.ebr.gov.on.ca/ERS-WEB-External/** contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Jeffrey Ren at 613-580-2424 ext. 14743 or HLUI@ottawa.ca

Sincerely,

Jeffrey Ren

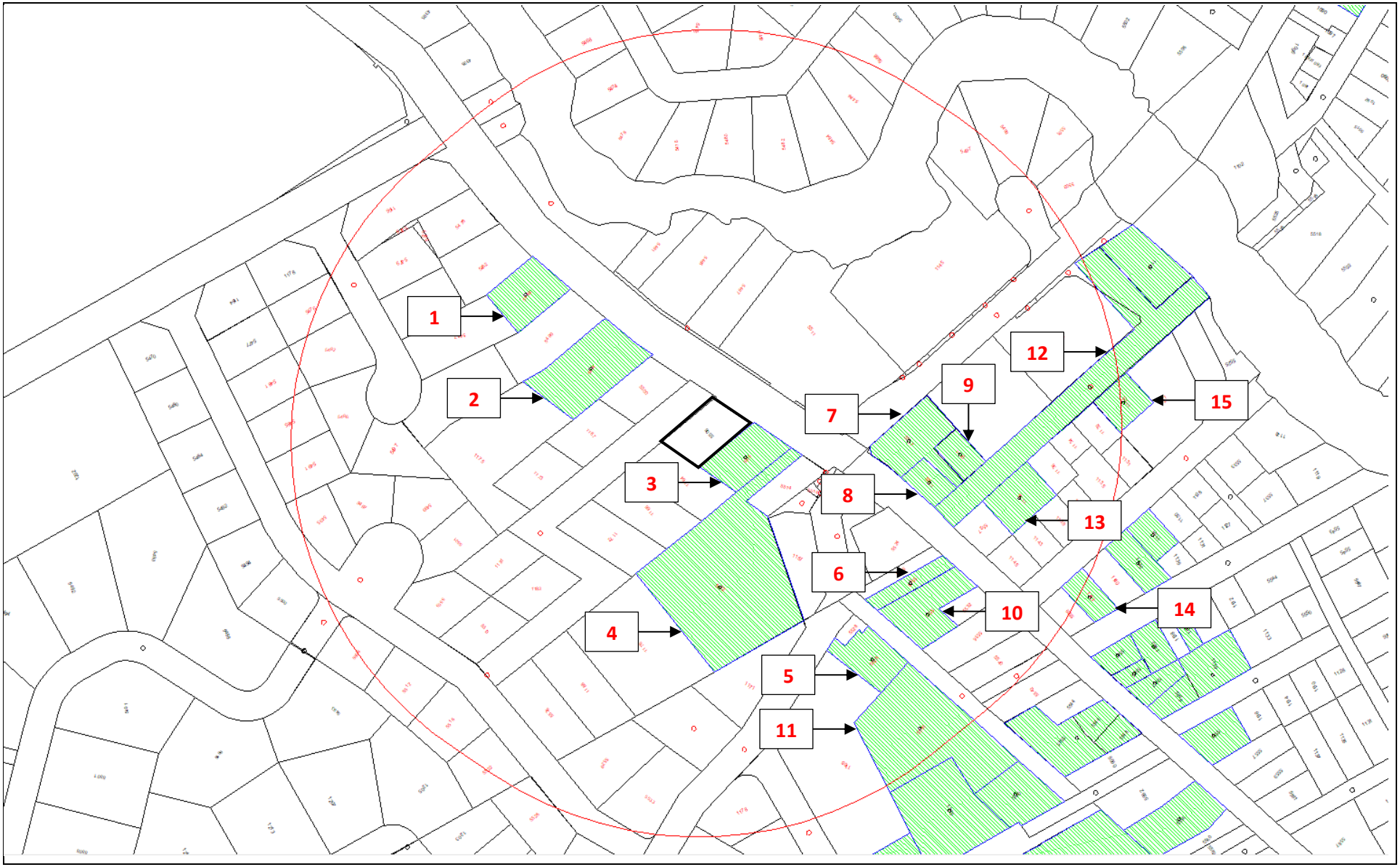
Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB/JR

Enclsoures.

cc: File no. D06-03-19-0196



Address: 5506 Manotick Main Street
Ottawa, ON

File No.: D06-03-19-0196

Prepared By: Jeffrey Ren

Legend:
00 Area Number
Subject Site
250 m Buffer

Scale: 1 : N/A

Area	Associated HLUI Activities	Associated HLUI Activities with a PIN Certainty of “2” *
Subject Property	No Associated HLUI Activities	
1	2030	
2	170	
3	11749	
4	11749	
5	11735	
6	8477	
7	8209, 8249	
8	8249	
9	169	
10	6929	
11	2286, 7206	
12	13928	
13	4960, 8208	
14	13098	
15	11421, 505, 6307	

*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

Historical Land Use Inventory

Adjacent Properties within 250 m

Area & Activity Numbers

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Historical Land Use Inventory

Area 1 Activity Numbers

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Ville d'Ottawa
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CITY OF OTTAWA

HLUI ID: __6799AE

AREA (Square Metres): 1465.361

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:07:25

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045870065	Y	N

Activity ID: 2030

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 045870065

Name: CANADA HEAT PUMPS

Address: 5488 MANOTICK MAIN STREET,

Facility Type: Highway and Heavy Construction

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
238220	0
238910	0
238210	0

Company Name	Year of Operation
CANADA HEAT PUMPS	c. 2005

Historical Land Use Inventory

Area 2 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679F6W

AREA (Square Metres): 2711.243

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:09:44

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045870066	N	N

Activity ID: 170

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5225

Related PINS: 045870066

Name: ANDERSON DENTAL LABS

Address: 5494 MAIN STREET, RIDEAU

Facility Type: Other Manufactured Products Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

NAICS	SIC
334610	399

Company Name	Year of Operation
Anderson Dental Labs	c. 1998

Historical Land Use Inventory

Area 3 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679FNF

AREA (Square Metres): 1394.922

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:10:24

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045870078	N	N

Activity ID: 11749

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5226

Related PINS: 045870082

Name: RIDEAU GLASS STUDIO

Address: 5512 MANOTICK MAIN STREET, MANOTICK

Facility Type: Ornamental and Architectural Metal Products Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
327214	356
327215	0

Company Name	Year of Operation
RIDEAU GLASS STUDIO	c. 2001
Rideau Glass Studio	c. 1998

Historical Land Use Inventory

Area 4 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679GSW

AREA (Square Metres): 8063.597

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:12:15

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045870082	Y	N

Activity ID: 11749

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5226

Related PINS: 045870082

Name: RIDEAU GLASS STUDIO

Address: 5512 MANOTICK MAIN STREET, MANOTICK

Facility Type: Ornamental and Architectural Metal Products Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
327214	356
327215	0

Company Name	Year of Operation
RIDEAU GLASS STUDIO	c. 2001
Rideau Glass Studio	c. 1998

Historical Land Use Inventory

Area 5 Activity Numbers

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City of Ottawa
Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __6790BT

AREA (Square Metres): 1204.823

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:14:56

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045870037	N	N

Activity ID: 11735

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 045870037

Name: RIDEAU ANIMAL HOSPITAL

Address: 5528 ANN STREET, MANOTICK

Facility Type: Services Incidental to Livestock and Animal Specialties

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
541940	0

Company Name	Year of Operation
RIDEAU ANIMAL HOSPITAL	c. 2001

Historical Land Use Inventory

Area 6 Activity Numbers

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City of Ottawa
Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679E1Q

AREA (Square Metres): 656.542

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:15:57

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	045870052	Y	N

Activity ID: 8477

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 6960

Related PINS: 045870052

Name: LONG ISLAND CLEANERS

Address: 5528 MAIN STREET, RIDEAU

Facility Type: Laundries and Cleaners

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

NAICS	SIC
561740	972
812310	972
812320	972
812330	972

Company Name	Year of Operation
Long Island Cleaners	c. 1994

Historical Land Use Inventory

Area 7 Activity Numbers

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City of Ottawa
Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __670H8N

AREA (Square Metres): 1792.015

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:16:26

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039030107	Y	Y

Activity ID: 8209

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030107

Name: MANOTICK PAINT STORE

Address: 5517 MANOTICK MAIN STREET,

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
444120	0

Company Name	Year of Operation
MANOTICK PAINT STORE	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039030107	Y	Y

Activity ID: 8249

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5241

Related PINS: 039030106

Name: MCNEIL MOTOR SALES MANOTICK

Address: 5521 MANOTICK MAIN STREET, TOWNSHIP OF RIDEAU

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98, Tele-Direct 1999

HL References 2:

HL References 3: 2005 Property Assessment

NAICS	SIC
811112	0
811121	0
811199	0
811119	635
811121	635
811119	0
811111	0
811112	635

Company Name	Year of Operation
MCNEIL MOTOR SALES MANOTICK	c. 2005
MANOTICK AUTOMOTIVE AND SMALL ENGINE REPAIR	c. 2005
MANOTICK AUTOMOTIVE AND SMALL ENGINE REPAIR	c. 2001
Manotick Automotive and Small Engine Repair	c. 1998-1999

Historical Land Use Inventory

Area 8 Activity Numbers

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CITY OF OTTAWA

HLUI ID: __679EVO

AREA (Square Metres): 613.133

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:17:04

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039030106	Y	N

Activity ID: 8249 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 5241

Related PINS: 039030106

Name: MCNEIL MOTOR SALES MANOTICK

Address: 5521 MANOTICK MAIN STREET, TOWNSHIP OF RIDEAU

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98, Tele-Direct 1999

HL References 2:

HL References 3: 2005 Property Assessment

NAICS	SIC
811112	0
811121	0
811199	0
811119	635
811121	635
811119	0
811111	0
811112	635

Company Name	Year of Operation
MCNEIL MOTOR SALES MANOTICK	c. 2005
MANOTICK AUTOMOTIVE AND SMALL ENGINE REPAIR	c. 2005
MANOTICK AUTOMOTIVE AND SMALL ENGINE REPAIR	c. 2001
Manotick Automotive and Small Engine Repair	c. 1998-1999

Historical Land Use Inventory

Area 9 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679BRL

AREA (Square Metres): 607.342

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:17:37

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030108	N	N

Activity ID: 169

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030108

Name: ANDERSON DENTAL LABS

Address: 1143 CLAPP LANE, MANOTICK

Facility Type: Medical and Other Health Laboratories

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
621510	0

Company Name	Year of Operation
ANDERSON DENTAL LABS	c. 2001

Historical Land Use Inventory

Area 10 Activity Numbers

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Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __6799AG

AREA (Square Metres): 1679.914

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:18:05

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045870051	N	N

Activity ID: 6929

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 045870051

Name: IMPACT SIGNS

Address: 5530 MANOTICK MAIN STREET,

Facility Type: Sign and Display Industry

Comments 1: #8

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
339950	0

Company Name	Year of Operation
IMPACT SIGNS	c. 2005

Historical Land Use Inventory

Area 11 Activity Numbers

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City of Ottawa
Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679BY0

AREA (Square Metres): 5031.217

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:18:35

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045870029	Y	Y

Activity ID: 2286

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 045870029

Name: BORSELLA EQUIPMENT SVC INC.

Address: 5536 ANN STREET,

Facility Type: Construction and Forestry Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
417210	0
417220	0

Company Name	Year of Operation
BORSELLA EQUIPMENT SVC INC.	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	045870029	Y	Y

Activity ID: 7206

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 6431

Related PINS: 045870029

Name: J C AUTO SERVICE

Address: 5536 ANN STREET,

Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: RRQMT 1995/96; SC98

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
811112	635
811119	635
811111	0
811121	635

Company Name	Year of Operation
J C AUTO SERVICE	c. 2001
J. C. Auto Service	c. 1995-1999
J C AUTO SERVICE	c. 2005

Historical Land Use Inventory

Area 12 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __670HFH

AREA (Square Metres): 5451.087

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:19:34

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039031177	Y	N

Activity ID: 13928

Multiple PINS: Y

PIN Certainty: 1

Previous Activity ID(s) : 5765, 5922, 5926

Related PINS: 145470101

Name: UNNAMED GRIST MILL

Address: , CUMBERLAND

Facility Type: Flour, Prepared Cereal Food and Feed Industries

Comments 1: UTM = 466650E, 5029500N (1949-51) 4.8 km ESE of Notre Dame des Champs

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1949-51-DND-ASE-NTS-31G/6W-2nd ed., 1965-EMR-SMB-NTS-31G/6W-3rd ed., 1975-EMR-SMB-NTS-31G/6-5th ed., 1983-EMR-SMB-NTS-31G/6-6th ed.

HL References 3:

NAICS	SIC
311111	105
311822	105
311230	105
311119	105

Company Name	Year of Operation
Unnamed Grist Mill	c. 1949-1951
Unamed Grist Mill	c. 1951

Historical Land Use Inventory

Area 13 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679BRK

AREA (Square Metres): 1214.431

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:21:30

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030002	Y	Y

Activity ID: 4960

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030002

Name: DOUG'S TRUCK & AUTOMOTIVE

Address: 1142 CLAPP LANE, MANOTICK

Facility Type: Motor Vehicle Parts and Accessories, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
415290	0

Company Name	Year of Operation
DOUG'S TRUCK & AUTOMOTIVE	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030002	Y	Y

Activity ID: 8208

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030002

Name: MANOTICK PAINT STORE

Address: 1142 CLAPP LANE, MANOTICK

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
444120	0

Company Name	Year of Operation
MANOTICK PAINT STORE	c. 2001

Historical Land Use Inventory

Area 14 Activity Numbers

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Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __6790ZV

AREA (Square Metres): 659.744

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:22:01

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030016	Y	N

Activity ID: 13098

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030016

Name: SPLASH POOLS & SPAS

Address: 1143 TIGHE STREET,

Facility Type: Site Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
238990	0
562910	0

Company Name	Year of Operation
SPLASH POOLS & SPAS	c. 2005

Historical Land Use Inventory

Area 15 Activity Numbers

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Planning, Infrastructure and Economic Development Department

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

CITY OF OTTAWA

HLUI ID: __679BRJ

AREA (Square Metres): 821.231

Report: RPTC_OT_DEV0122

Run On: 16 Jan 2020 at: 14:22:29

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030006	Y	Y

Activity ID: 11421

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030006

Name: POWER SYSTEMS TECHNOLOGY

Address: 1128 CLAPP LANE, MANOTICK

Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
417310	0

Company Name	Year of Operation
POWER SYSTEMS TECHNOLOGY	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030006	Y	Y

Activity ID: 505

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) :

Related PINS: 039030006

Name: A R TECH

Address: 1128 CLAPP LANE, MANOTICK

Facility Type: Lumber and Building Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
444190	0

Company Name	Year of Operation
A R TECH	c. 2001

CITY OF OTTAWA

HLUI ID: __679BRJ

AREA (Square Metres): 821.231

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039030006	Y	Y

Activity ID: 6307 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 039030006

Name: HANCOCK ELECTRIC INC.

Address: 1128 CLAPP LANE, MANOTICK

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
238210	0

Company Name	Year of Operation
HANCOCK ELECTRIC INC.	c. 2001

Nicole Soucy

From: Public Information Services <publicinformationservices@tssa.org>
Sent: December-05-19 12:23 PM
To: Nicole Soucy
Subject: RE: Search Request 65032.03

NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

Hello. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Gaya

From: Nicole Soucy <nicole.soucy@gemtec.ca>
Sent: December 5, 2019 12:08 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: RE: Search Request 65032.03

Hello,

Can I please also have the following addresses searched:

- 5521, 5527 Manotick Main Street
- 1142 Clapp Lane

All in Manotick, Ottawa, Ontario.

Thanks,

Nicole

GEMTEC Consulting Engineers and Scientists

Nicole Soucy, M.A.Sc., P.Eng
Environmental Engineer
Ottawa, ON
tel: 613.836.1422 x265 / toll-free: 1.877.243.6832
mobile: 613.929.5630 / fax: 613.836.9731

From: Public Information Services <publicinformationservices@tssa.org>
Sent: November-29-19 1:32 PM
To: Nicole Soucy <nicole.soucy@gemtec.ca>
Subject: RE: Search Request 65032.03

No Records Found

Thank you for your request for confirmation of public information.

- We confirm that there are **no fuel storage tanks records** in our database at the subject address(es).

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Connie Hill | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Nicole Soucy <nicole.soucy@gemtec.ca>
Sent: November 29, 2019 9:05 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search Request 65032.03

Hello,

Can I please have a search of the following addresses:

- 5494, 5497, 5506, 5510, 5511, 5524 Manotick Main Street
- 5536 Ann Street
- 1145 Bridge Street
- 1171 Maple Avenue

- 1142 Tighe Street

In Ottawa (previously Manotick), Ontario.

Thanks,

Nicole

GEMTEC
Consulting Engineers and Scientists

Nicole Soucy, B.A.Sc., M.A.Sc.
Environmental Scientist
Ottawa, ON
tel: 613.836.1422 x265 / toll-free: 1.877.243.6832
mobile: 613.929.5630 / fax: 613.836.9731

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APPENDIX H

Aerial Photographs

ENVIRONMENTAL RISK INFORMATION SERVICES

HISTORICAL AERIALS

Project Property:	65032.03 5506 Manotick Main Street 5506 Manotick Main Street Manotick ON K4M 0E2
Project No:	65032.03
Requested By:	GEMTEC Consulting Engineers and Scientists Limited (Ontario)
Order No:	20191129002
Date Completed:	December 05, 2019

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Decade	Year	Image Scale	Source
1920	Not Available		
1940	1946	20000	NAPL
1950	1959	30000	NAPL
1960	1965	15000	NAPL
1980	1984	12000	NAPL

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

0 0.125 0.25 0.5 Kilometers

Order Number: 20191129002

Year: 1946
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

0 0.125 0.25 0.5 Kilometers

Order Number: 20191129002

Year: 1959
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

0 0.125 0.25 0.5 Kilometers

Order Number: 20191129002

Year: 1965
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

0 0.125 0.25 0.5 Kilometers

Order Number: 20191129002

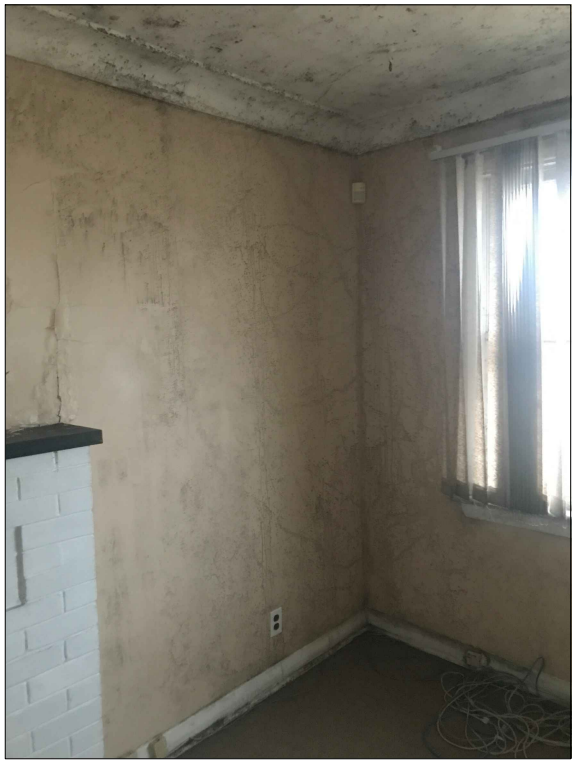
Year: 1984
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX I

Site Photographs

DOOR



ROOM

CEILING

GEMTEC
Consulting Engineers and Scientists
32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

MOULD WAS IDENTIFIED IN ALL ROOMS/ AREAS OF THE STRUCTURE ON THE SUBJECT SITE. WATER DAMAGE WAS ALSO IDENTIFIED ON THE CEILING IN THE BATHROOM (NORTHEAST & SOUTHWEST)

Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I1**

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FLOODED BASEMENT IDENTIFIED DURING THE SITE RECONNAISSANCE (SOUTHEAST)

Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I2**

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LIGHT BALLASTS POSSIBLY CONTAINING MERCURY WERE IDENTIFIED WITHIN THE STRUCTURE ON THE SUBJECT PROPERTY (SOUTHWEST)

Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I3**

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DITCHES ALONG THE ROADWAYS ADJACENT TO THE SUBJECT PROPERTY AND WITHIN THE STUDY AREA (NORTHWEST)

Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I4**

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PAD MOUNTED TRANSFORMER IDENTIFIED ON A PROPERTY PARCEL
EAST OF THE SUBJECT PROPERTY (NORTHWEST)

Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I5**

A GARAGE IDENTIFIED IN THE STUDY AREA (SOUTHEAST)

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Project	Project No.	
PHASE ONE ESA 5506 MANOTICK MAIN ST. MANOTICK, ON	65032.03	**FIGURE I6**

experience • knowledge • integrity

civil	civil
geotechnical	géotechnique
environmental	environnementale
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

expérience • connaissance • intégrité