PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
6688 FRANKTOWN RD, OTTAWA, ON

Project No.: CP-17-0503

Prepared for:

Bing Professional Engineering Inc.

Prepared by:

McIntosh Perry Consulting Engineers Ltd.
115 Walgreen Road
Carp, Ontario
K0A 1L0

June 2018

McINTOSH PERRY

Executive Summary

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Mr. Bingfeng Li of Bing Professional Engineering Inc. (Bing Professional Engineering) to conduct a Phase 1 Environmental Site Assessment (ESA) on a parcel of land located at 6688 Franktown Road in Ottawa, Ontario (the Site). The Site currently consists of forested land, with a cleared portion that will be utilized for future development of a place of worship. The total area of the Site is approximately 39.89 hectares (ha), while the proposed development will have a footprint of approximately 2.71 ha.

It is our understanding that the Phase 1 ESA is being completed for due diligence and site plan approval in support of a proposed development at the Site. The planned future use of the Site is as a place of worship, and will consist of two institutional structures and a large paved parking lot with an associated laneway.

The Phase 1 ESA is in general compliance with Ontario Regulation (O.Reg.) 153/04 - Part XV.1 of the Environmental Protection Act, as amended, and CSA Standard Z768-01 (R2012), 1993. The Phase 1 ESA is not, however, suitable for the purpose of submitting a Record of Site Condition (RSC).

The Phase 1 Study Area includes all properties within 250 m of the Site.

The Site appears to have been used in some capacity during the 1860s and 1870s, where historical mapping shows at least one on-site residential structure. It is likely that a portion of the Site was used for agricultural purposes at this time; however, the extent of any such use is unknown at this time. Based on a review of aerial photographs, the Site has been forested since at least 1946. The currently proposed development of the Site will represent its first (contemporary) developed use.

The Phase 1 ESA did not identify any on-site Potentially Contaminating Activities (PCA) or Areas of Potential Environmental Concern (APEC).

Based on the absence of confirmed PCAs and APECs at the Site and within the Phase 1 ESA study area, *a Phase 2 ESA is not required at this time.* Based on the information presented in this Phase 1 ESA, development of the Site as a place of worship (i.e. community use) does not represent a significant environmental liability at this time.

TABLE OF CONTENTS

1.0 INTRODUCTION

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Mr. Bingfeng Li of Bing Professional Engineering Inc. (Bing Professional Engineering) to conduct a Phase 1 Environmental Site Assessment (ESA) on a parcel of land located at 6688 Franktown Road in Ottawa, Ontario (the Site). The Site currently consists of forested land, with a cleared portion that will be utilized for future development of a place of worship. The total area of the Site is approximately 39.89 hectares (ha), while the proposed development will have a footprint of approximately 2.71 ha.

It is our understanding that the Phase 1 ESA is being completed for due diligence and site plan approval in support of a proposed development at the Site. The planned future use of the Site is as a place of worship, and will consist of two institutional structures and a large paved parking lot with an associated laneway.

The Site location is shown on Figure 1 (Site Location). The Site layout and features are shown on Figure 2 (Site Layout).

Based on a review of aerial photographs, historical information, and discussions with the current owner, it appears as though the Site has been forested since at least 1946. Based on a published map from 1863 (see Appendix E), there was at least one on-site residential structure during the 1860s and 1870s. While there are no air photos from this time period, it is reasonable to assume that these houses were associated with farming activities at the Site. The earliest available air photo (1946) shows the Site in its general current configuration.

Please Note: A Record of Site Condition (RSC) under Ontario Regulation 153/04, as amended, is not required by Bing Professional Engineering for the Site. The Phase 1 Environmental Site Assessment undertaken at this site by McIntosh Perry was undertaken for environmental due diligence and site plan approval purposes only.

1.1 Phase 1 Property Information

The Site is currently zoned as 'Rural Institutional' property in Pat 13 (s. 223-224) of the City of Ottawa Zoning By-Law. The Site is currently unused, and consists predominantly of forested or cleared land. Site features are shown on Figure 2 (Site Layout).

1.1.1 Property Identification

The legal description of the property is "Part Lot 19, Concession 3 East, Rural Plan 4R-7040; Part 1".

1.1.2 Property Ownership and Contact Details

McIntosh Perry is working for Bing Professional Engineering, who currently own the Site and has requested the Phase 1 ESA for due diligence and site plan approval purposes. McIntosh Perry's site contact person for the Site is Bingfeng Li, who is the Chief Structural Engineer with Bing Professional Engineering. Mr. Li can be contacted at bingfeng.li@bingpro.ca.

1.1.3 Current and Proposed Future Uses

The Site is currently unused. The Site as a whole is a zoned as a Rural Institutional, which is generally consistent with the proposed future usage of the Site as a place of worship. The proposed landuse change is not considered sensitive.

1.2 Surrounding Land Use

Surrounding land use is predominantly rural residential, agricultural, commercial, or unused (forested). There is an adjacent buried gas pipeline and associated easement located immediately southwest of the Site. Aerial photographs indicate the presence of a wayside aggregate pit, or similar operation, immediately northeast of the Site.

2.0 SCOPE OF INVESTIGATION

A Phase 1 ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site, based on a desktop review of available documentation pertaining to the site, observations made during a site visit, and information from interviews with people who have knowledge of the site and its history. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase 1 ESA.

This Phase 1 ESA has been prepared using the general principles and format defined under O.Reg. 153/04, as amended. The report is also in general compliance with "Phase 1 Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, Reaffirmed 2012.

Please Note:

The current Phase 1 ESA has not been prepared for submission of a Record of Site Condition (RSC) as defined under O.Reg. 153/04, as amended.

A designated substances survey was not completed as part of the current investigation.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase 1 Study Area Determination

The Phase 1 Study Area includes the following properties:

- 6688 Franktown Road, Ottawa (the Site)
- All properties within approximately 250m of the Site boundary

The Phase 1 ESA Study Area, including surrounding land uses, is shown on Figure 3 (Surrounding Land Use).

3.1.2 First Developed Use Determination

The Site appears to have been used in some capacity during the 1860s and 1870s, where historical mapping shows at least one on-site residential structure (Appendix E). It is likely that a portion of the Site was used for agricultural purposes at this time; however, the extent of any such use is unknown at this time. Based on a review of aerial photographs, the Site has been forested since at least 1946. The currently proposed development of the Site will represent its first (contemporary) developed use.

3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans was not searched as part of this Phase 1 ESA.

Chain of Title

A land title search was not obtained for the Site.

3.1.4 Reports by Others

No reports by others were available for review.

3.2 Environmental Source Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

3.2.1 Databases Searched

McIntosh Perry obtained information contained in the databases listed below from EcoLog ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the EcoLog ERIS report which is included as Appendix E.

Federal Government Databases:

- Environmental Effects Monitoring

- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Fisheries & Oceans Fuel Tanks
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defence & Canadian Forces Fuel Tanks
- National Defence & Canadian Forces Spills
- National Defence & Canadian Forces Waste Disposal Sites
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Certificates of Approval
- Coal Gasification Plants
- Compliance and Convictions
- Drill Holes
- Environmental Registry
- Ontario Regulation 347 Waste Generators Summary
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Ontario Inventory of PCB Storage Sites
- Ministry Orders
- Occurrence Reporting Information System
- Pesticide Register
- Private Fuel Storage Tanks
- Ontario Regulation 347 Waste Receivers Summary
- Record of Site Condition
- Wastewater Discharger Registration Database
- Waste Disposal Sites – MOE CA Inventory

- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

Private Databases:

- Anderson's Waste Disposal Sites
- Automobile Wrecking and Supplies
- Commercial Fuel Oil Tanks
- Chemical Register
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper
- Retail Fuel Storage Tanks
- Scott's Manufacturing Directory
- Anderson's Storage Tanks

3.2.2 Database Findings Relevant to the Phase 1 ESA

The databases searched by EcoLog ERIS contained the following information pertaining to the Site as well as properties within an approximately 250 m radius from the Site boundary:

- Two Certificates of Approval
- Two Environmental Compliance Approvals
- Fifteen ERIS Historical Searches
- One Emergency Management Historical Event
- Two Contaminated Sites on Federal Land
- Sixty Ontario Regulation 347 Waste Generator Summary Records
- One TSSA Incident
- Eight Pesticide Register records
- Twenty-One Scott's Manufacturing Directory records
- Ten Ontario Spills records
- Twelve Water Well Information System records

Pertinent information from the EcoLog ERIS report is summarized as follows:

Borehole Records

Five Borehole Records were noted within 250 m of the Site boundaries. Three of these boreholes had a maximum depth less than 10 m (2.4 m, 2.7 m, 7.6 m), while the other two had maximum depths greater than 10 m (18.3 m and 19.8 m). Further details can be found in Appendix B.

Historical ERIS Searches

One Historical ERIS Search was noted within 250 m of the Site boundaries. This site is located 92.9 m away at 6659 Franktwon Rd, Ottawa ON, K0A 2Z0. The details of this search are included in Appendix B.

Water Well Information System

Nineteen Water Well Information System records were noted within 250 m of the Site boundary, and one was noted on the subject Site. For the wells within 250 m of the site boundary, seventeen wells are listed for domestic purposes, one well is listed for livestock purposes, and one well has no listed usage (abandoned). The average depth of these bedrock wells is 32.4 m, where 18.3 m is the minimum and 236 feet is the maximum depth. The average depth of water is 31.8 m, where 15.8 m is the minimum and 693.8 m is the maximum. The single well located on project property is listed as domestic. This overburden well is measured at 6.7 m deep. These well records are summarized in detail in Appendix B.

3.2.3 MOECC Freedom of Information Request

In order to identify any previous environmental reports concerning the Site, an MOECC freedom of information (FOI) request was submitted. At the time of writing there has been no official response from the MOECC (the request was submitted on May 29, 2018, and the turn-around-time for MOECC FOI is typically one to two months).

Responses not received at the time of this report will be reported under separate cover if relevant information is obtained.

A copy of the MOECC correspondence is provided in Appendix A.

3.2.4 TSSA Information Request

An FOI request was also submitted to the Technical Standards and Safety Authority (TSSA). At the time of writing there have been no official responses from the TSSA. Responses not received at the time of this report will be reported under separate cover if relevant information is obtained.

3.3 Physical Setting

3.3.1 Aerial Photographs and Satellite Images

Table 1 describes observations about current and historical land use for the Site and surrounding properties that were noted during a limited review of aerial photos, included in Appendix C. Current land use designations in the study area are included on Figure 3.

Table 1: Current and Historical Land Use from Aerial Photographs and Satellite Images

Date	Source	Observations
1946	EcoLog ERIS	Site appears to be forested with some open areas (possibly swampy) in the northwest portion. Surrounding area is predominantly unused, although any developed usage appears to be primarily rural residential and agricultural.
1959	EcoLog ERIS	Site appears to be forested with some open areas (possibly agricultural use) in the northwest portion. Surrounding development is primarily rural residential and agricultural.
1976	GeoOttawa	Site appears to be forested with some saturated areas in the northwest portion. Surrounding development is primarily rural residential and agricultural.
1991	GeoOttawa	No significant change from previous photo. Site appears to be forested with some saturated areas in the northwest portion. Surrounding development is primarily rural residential and agricultural.
2002	GeoOttawa	No significant change from previous photo. Site appears to be forested with some saturated areas in the northwest portion. Surrounding development is primarily rural residential and agricultural.
2014	GeoOttawa	Site appears to be forested with some saturated areas in the northwest portion. On-site laneway is built, as is the rural subdivision adjacent to the southeast corner of the Site. A portion of the adjacent property (northeast) appears to be in use as an aggregate pit. Surrounding development is primarily rural residential and agricultural.
2017	GeoOttawa	No significant change from previous photo. Site appears to be forested with some saturated areas in the northwest portion. On-site laneway is built, as is the rural subdivision adjacent to the southeast corner of the Site. Surrounding development is primarily rural residential and agricultural.

Based on a review of aerial photographs, historical information, and discussions with the current owner, it appears as though the Site has been predominantly forested well before 1946. Based on a published map from 1863 (see Appendix E), there was at least one on-site residential structure during the 1860s and 1870s. While there are no air photos from this time period, it is reasonable to assume that these houses were associated with farming activities at the Site. It is also not clear how expansive these presumed farming activities would have been. The earliest available air photo (1946) shows the Site in its general current configuration, although one subsequent air photo (1956) shows evidence of possible agricultural activity in the northwest portion of the Site.

Based on this review, no further Potentially Contaminating Activities were identified to generate on-site Areas of Potential Environmental Concern.

3.3.2 Topography

Elevation at the Site ranges from approximately 102-112 m above sea level (m asl). The Site itself is relatively flat and poorly drained. Surrounding properties are of similar relief, with regional topography sloping gently downward to the southeast towards the Jock River (see Figure 4).

3.3.3 Hydrology

The Site occurs within the Jock River watershed. The Jock River, which is a tributary of the Ottawa River system, is located approximately 1.6 km southeast of the Site, at its closest point. Site drainage consists of infiltration in permeable areas, as well as overland flow to surface water ditches along the peripheries of the Site.

3.3.4 Geology

3.3.4.1 Surficial Geology

Geological maps of the area classify the overburden at the Site as coarse-textured glaciomarine deposits, including sand, gravel, and minor silt and clay. (OGS, 2018)

3.3.4.2 Bedrock Geology

Geological maps of the area classify the bedrock under the Site as limestone, dolostone, shale, arkose, and sandstone of the Ottawa Group, Simcoe Group, and/or of the Shadow Lake Formation. (OGS, 2018)

3.3.5 Hydrogeology

The subject property is located within the Jock River watershed. On both a localized and regional scale, groundwater flow is expected to be generally toward the Jock River (southeast).

3.3.6 Fill Materials

No concerns with fill materials were identified at the Site.

3.3.7 Water Bodies and Areas of Natural Significance

The closest permanent waterbody is the Jock River, which is located approximately 1.6 km southeast of the Site, at its closest point.

When completing a Phase 1 ESA, considerations are made for the following MNRF-maintained areas of natural significance:

- Areas of Natural and Scientific Interest (ANSIs);
- Provincially Significant Wetlands (PSWs); and,

- Wildlife Management Areas (WMAs).

The Richmond Fen (Provincially Significant Wetland, PSW) is located approximately 216 m from the Site, at its closest point.

3.3.8 Well Records

McIntosh Perry performed a well record search utilizing the EcoLog ERIS Water Well Information System data (based on MOECC GIS data). Nineteen records were found within 250 m of the Site boundary, and one record was found for the Site itself. All records are summarized in Appendix B.

Of the nineteen wells within 250 m of the site boundary, seventeen are listed for domestic purposes, one well is listed for livestock purposes, and one well has no listed usage (abandoned). The average depth of these bedrock wells is 106.3 feet, where 60 feet is the minimum and 236 feet is the maximum depth. The average depth of water is 104.3 feet, where 52 feet is the minimum and 229 feet is the maximum. The single well located on project property is listed as domestic, and is likely dug.

4.0 INTERVIEWS

McIntosh Perry personnel conducted an interview to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. An interview was conducted with Bingfeng Li, Project Manager – Bing Professional Engineering Inc., via telephone on June 13, 2018. The interviewee provided information about the Site and the on-site activities. The interview was conducted using a standard set of questions.

The information obtained from the interview is summarized as follows:

Table 2: Interview Summary

Potential Item of Concern	Interview Comments
Accidents/Spills	No
Previous Use of Site	Forested
Adjacent Properties	Predominantly farming
Fuel Handling/Storage	No
Maintenance/Operational Areas	No
Hazardous Materials Storage	No
Salt Storage	No
Fuel Storage Tanks	No
Odours	No
Potable Water	Unknown
Septic and Wastewater Discharges	No structures
Pesticides	Unknown
Mould	No
Heating and Cooling Systems	No structures
Major Mechanical Equipment	No
Waste Oils, Solvents, Batteries	No
PCBs	No
Asbestos	No structures
Lead Paint	No structures
ODS	No structures
Electromagnetic Radiation	No
UFFI	No structures
Mercury	No structures
Radon Gas	No structures/below ground structures
Soil and Groundwater Conditions	Unknown

Potential Item of Concern	Interview Comments
Wells	Monitoring wells only
Waste Disposal and Recycling	Third party contractor
Fill Material	Laneway construction only (built 2014) using clean fill
Floor Drains/OWS (discharge locations)	No structures
Other	No

Please Note: Statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the Site. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

5.0 SITE RECONNAISSANCE

The objectives of the site reconnaissance were as follows:

- To identify potential environmental concerns associated with current and past uses of the site.
- To identify Potentially Contaminating Activities (PCAs) on, in, or under the site.
- To identify, as practical, current and past uses, activities, and PCAs in the Phase 1 study area.
- To identify details of potential contaminant pathways on, in, or under the Phase 1 property and potential environmental concerns and contaminants of potential concern.

McIntosh Perry had open and ready access to all areas of the site during the site visit.

5.1 General Requirements

McIntosh Perry conducted the Site reconnaissance on May 2, 2018 (from approximately 11:30 to 15:30 HR). Patrick Leblanc of McIntosh Perry inspected all accessible areas of the Site, and observed other properties in the Phase 1 Study Area.

5.1.1 Qualifications of the Assessors

Field assessment for this report was undertaken by Patrick Leblanc, P.Eng. and Justin Cameron, B.Sc. of McIntosh Perry. Patrick has over 10 years of environmental engineering experience, and has completed many Phase 1 and 2 ESAs. Reporting was completed by Jordan Bowman, B.Sc. and Dan Arnott, P.Eng. Jordan has a Bachelor's degree in environmental science and extensive experience in completing Phase 1 and 2 ESAs for a variety of sites in Ontario. Dan is an Ontario licensed Professional Engineer and a Qualified Person (QP) under O.Reg. 153/04, as amended, and has completed dozens of Phase 1 and 2 ESAs across Ontario.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and the Association of Professional Geoscientists of Ontario (APGO) and is a full member of the Consulting Engineers of Ontario (CEO).

5.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the Site visit were warm, with sun and clouds.

5.1.3 Property Occupancy/Use Status at Time of Inspection

Currently, the Site is primarily a forested area with a smaller portion cleared in preparation for development. The northern-most portion of the property was saturated at the time of inspection.

5.1.4 Site Photographs

Photographs of the Site and study area are included in Appendix D. A brief description is included with each photograph, including location and orientation where applicable.

5.2 Description of Investigations

The Phase 1 component of the current investigation is a preliminary environmental screening that aims to provide a qualitative assessment of the environmental condition of the site based on a review of available information pertaining to the site, observations made during a site visit, and information from interviews with people who have knowledge of the site and its history.

The Phase 1 portion of the current investigation includes the following components:

- A review of available background information.
- An interview with a person with knowledge of the site and its history.
- Site reconnaissance.
- Freedom of information requests (Ministry of the Environment and Climate Change (MOECC), Technical Standards and Safety Authority (TSSA), and the Township of Leeds and the Thousand Islands.

5.2.1 Phase 1 Property

The Site is currently unused, and consists predominantly of forested or cleared land. The Site is located at 6688 Franktown Road in Ottawa, approximately 575 m southwest of Joys Road, at its closest point. The Site was assessed on May 2, 2018.

5.2.2 Phase 1 Study Area

All properties located within 250 m of the boundaries of the Site were observed from the Site or from publicly accessible locations on May 2, 2018.

5.3 Specific Observations at the Phase 1 Property

5.3.1 Structures and Other Improvements

While historical mapping (Appendix E) reveals some type of development on the Site in the late 1800s (presumably farmstead structures), the Site is currently vacant forested land.

5.3.2 Below Ground Structures

No below ground structures were observed on the Site.

5.3.3 Storage Tanks

No liquid storage tanks were observed on the Site.

5.3.4 Hazardous Materials

No hazardous materials observed at the Site.

5.3.5 Potable and Non-Potable Water Sources

There are currently no services to the Site.

5.3.6 Underground Service Trenches

There are currently no services to the Site.

5.3.7 Exit and Entry Points

The exit and entry points to the Site were inspected. No concerns were identified.

5.3.8 Existing and Former Heating Systems

There are no on-site structures or heating systems.

5.3.9 Cooling Systems

There are no on-site structures or cooling systems.

5.3.10 Drains, Pits, and Sumps

No drains, pits, or sumps were observed at the Site.

5.3.11 Unidentified Substances

No unidentified substances were observed at the Site.

5.3.12 Stains and/or Corrosion Near Drains, Pits, and Sumps

No stains and/or corrosion were observed at the Site.

5.3.13 Well Details

There were no wells observed at the Site. One well record was found for the Site; however, this well is presumed to be dug (22 feet deep) and may be abandoned/lost. Well records for properties within the Phase 1 ESA Study Area are discussed in previous sections.

5.3.14 Details of Sewage Works

There are currently no services to the Site.

5.3.15 Ground Surface Details

There are no on-site structures. Outdoor ground surface at the Site is dominated by saturated, sandy loam.

5.3.16 Current and Former Railway Lines

No current or former railway lines were observed at the Site or within the study area.

5.3.17 Staining to Soil, Vegetation, or Pavement

No staining was observed at the Site.

5.3.18 Stressed Vegetation

No stressed vegetation was observed at the Site.

5.3.19 Fill and Debris

No significant fill or debris was observed at the Site.

5.3.20 Mould

No mould-like substances were observed at the Site.

5.3.21 Areas of Potential Environmental Concern (APECs) and Potentially Contaminating Activities (PCAs)

No on-site PCAs were identified during the site visit.

5.4 Surrounding Properties

Surrounding properties in the vicinity of the Site generally consisted of the following:

- North: Commercial, rural residential, agricultural
- East: Rural residential, agricultural, potential pit operation
- South: Rural residential, agricultural
- West: Rural residential, agricultural, buried gas pipeline

Surrounding land use is shown on Figure 3.

McIntosh Perry did not confirm the presence of any past or present PCAs located at the Site or within the Phase 1 ESA study area.

6.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance.

6.1 Current and Past Uses of Phase 1 Property

The Site appears to have been used in some capacity during the 1860s and 1870s, where historical mapping shows at least one on-site residential structure. It is likely that a portion of the Site was used for agricultural purposes at this time; however, the extent of any such use is unknown at this time. Based on a review of aerial photographs, the Site has been forested since at least 1946. The currently proposed development of the Site will represent its first (contemporary) developed use.

6.2 Potentially Contaminating Activities (PCA) and Areas of Potential Environmental Concern (APEC)

No PCAs or APECs were identified at the Site or within the Phase 1 ESA study area.

7.0 CONCLUSIONS

Based on the absence of confirmed PCAs and APECs at the Site and within the Phase 1 ESA study area, *a Phase 2 ESA is not required at this time.* Based on the information presented in this Phase 1 ESA, development of the Site as a place of worship (i.e. community use) does not represent a significant environmental liability at this time.

8.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by McIntosh Perry Consulting Engineers Ltd. for Bing Professional Engineering Inc. (Bing Professional Engineering). It is intended for the sole and exclusive use of Bing Professional Engineering. The report may not be relied upon by any other person or entity without the express written consent of McIntosh Perry Consulting Engineers Ltd. (in the form of a Reliance Letter).

Any use which a third party makes of this report, or any reliance on decisions made based on it, without a Reliance Letter are the responsibility of such third parties. McIntosh Perry Consulting Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Some of the information presented in this report was provided through maps, air photographs, and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., has, in certain instances, been required to assume that the information provided is accurate.

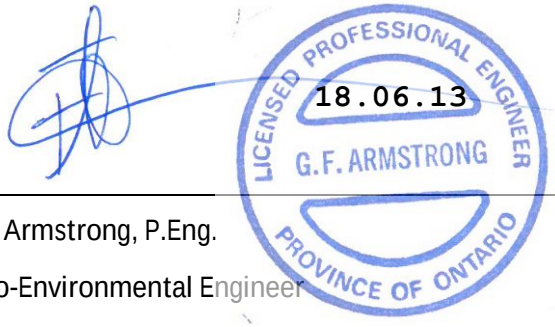
The conclusions presented represent the best professional judgment of the assessor based on current environmental standards and on the site conditions observed during the site inspection on May 2, 2017. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should additional information become available, McIntosh Perry Consulting Engineers Ltd. requests that this information be brought to our attention so that we may re-assess the conclusions presented herein.

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry Consulting Engineers Ltd.

	
Jordan Bowman, B.Sc. Environmental Scientist j.bowman@mcintoshperry.com (613) 836-2184 (2280)	Fraser Armstrong, P.Eng. Sr. Geo-Environmental Engineer f.armstrong@mcintoshperry.com (613) 542-3788 (3138)

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0503 Bing Proffesional Eng Inc_Proposed Temple SPA_6688 Franktown Road\10 - Phase 1 ESA\09 Report\0CP-17-0503_Phase 1 ESA_BingEngInc._6688FranktownRd_18.06.11 GFA.doc

9.0 REFERENCES

Canadian Standards Association (CSA), Z768-01: Phase I Environmental Site Assessment, CSA International, Toronto, 2001 (Updated 2003, Reaffirmed 2012).

EcoLog ERIS, 2018. Site-Specific Search Report Results.

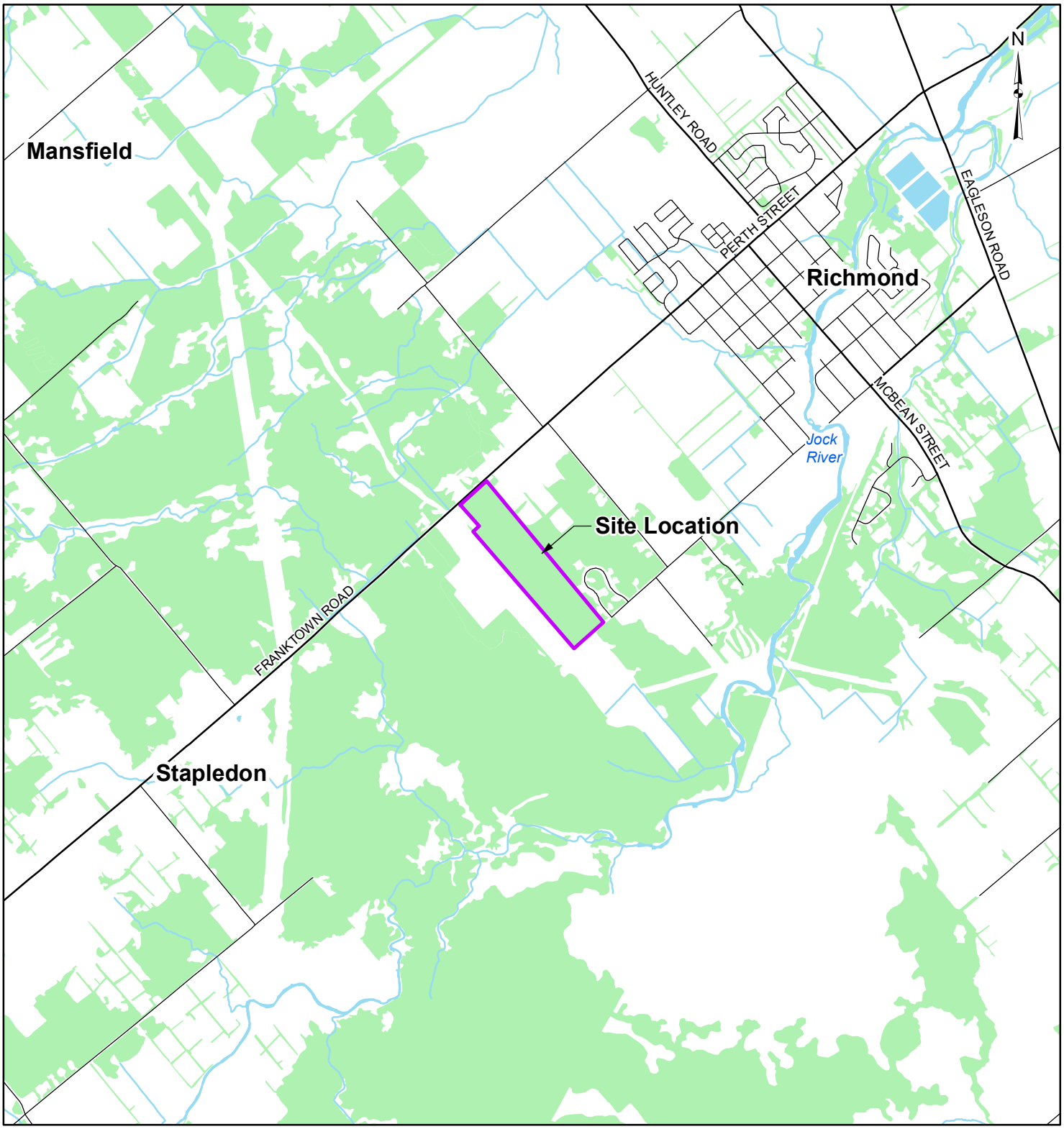
Natural Resources Canada (NRCAN), 2011. Geobase online mapping tool: Hydro Network GIS Data accessed through <http://geobase.ca/geobase/en/viewer.jsp?group=nhn>.

Ontario Geologic Survey (OGS), 2017 GIS Data for bedrock and surficial geology stratigraphy.

Ontario Ministry of Environment and Climate Change (MOECC), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

Ontario Geological Survey (OGS), 2018 – Google EarthTM (website: http://www.mndmf.gov.on.ca /mines/ogs_earth _e.asp).

FIGURES



1,100 550 0 1,100

Scale 1:40,000 Metres

LEGEND

- Approximate Property Boundary
- Local Road
- Major Road
- Watercourse
- Waterbody
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2018.

CLIENT: BING PROFESSIONAL ENGINEERING

PROJECT: PHASE 1 ESA - 6688 FRANKTOWN ROAD

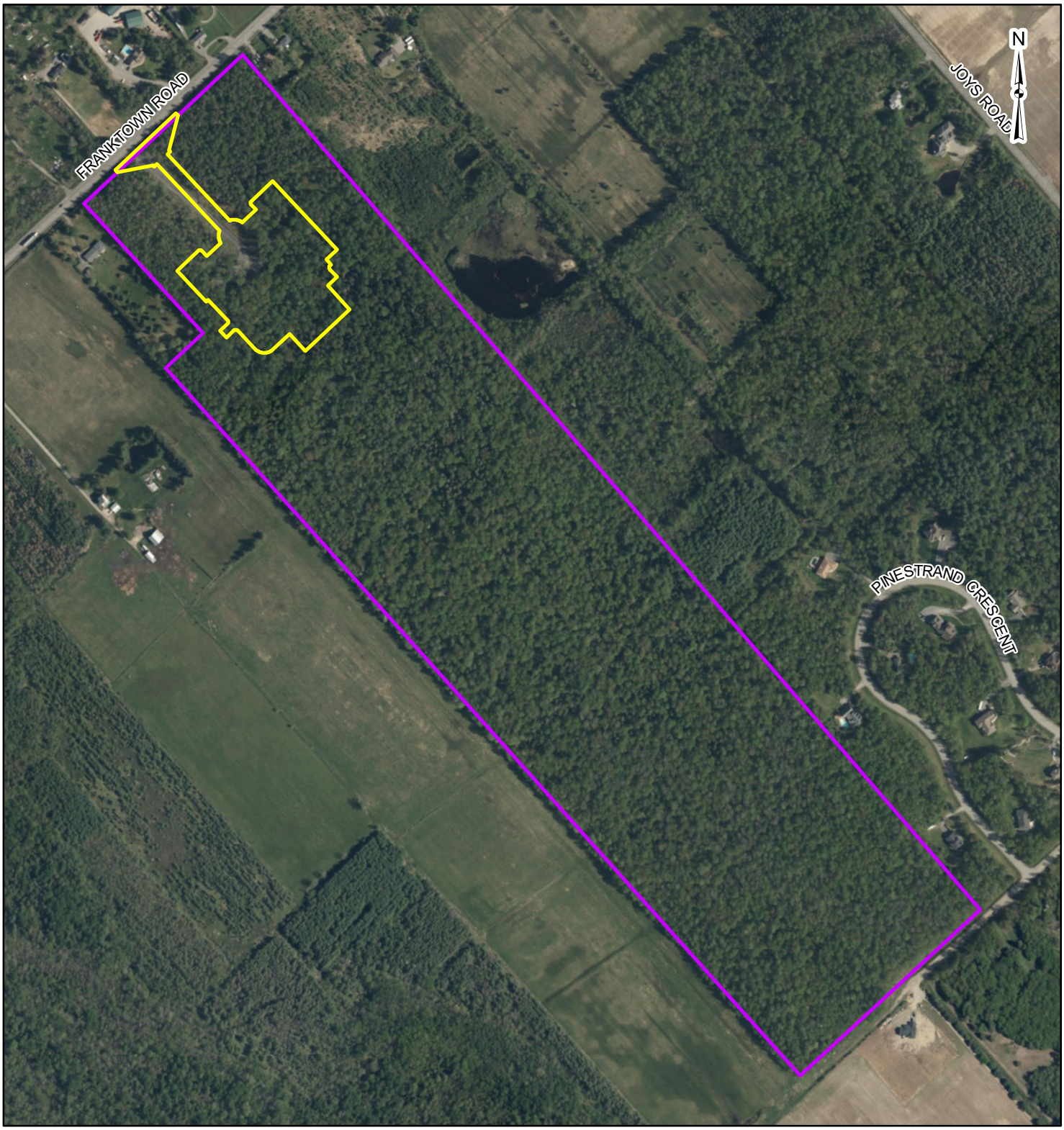
TITLE: SITE LOCATION

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:	CP-17-0503
Date	May., 09, 2018
GIS	JD
Checked By	JB

FIGURE: 1

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0503 Bing Proffesional Eng Inc_Proposed Temple SPA_6688 Franktown Road\15 - GIS\mxd\Phase1ESA\0CP-17-0503_01_SiteLocation6688Franktown.mxd



160 80 0 160

Scale 1:6,500 Metres

LEGEND

- Approximate Property Boundary
- Proposed Development

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2018.

CLIENT: BING PROFESSIONAL ENGINEERING

PROJECT: PHASE 1 ESA - 6688 FRANKTOWN ROAD

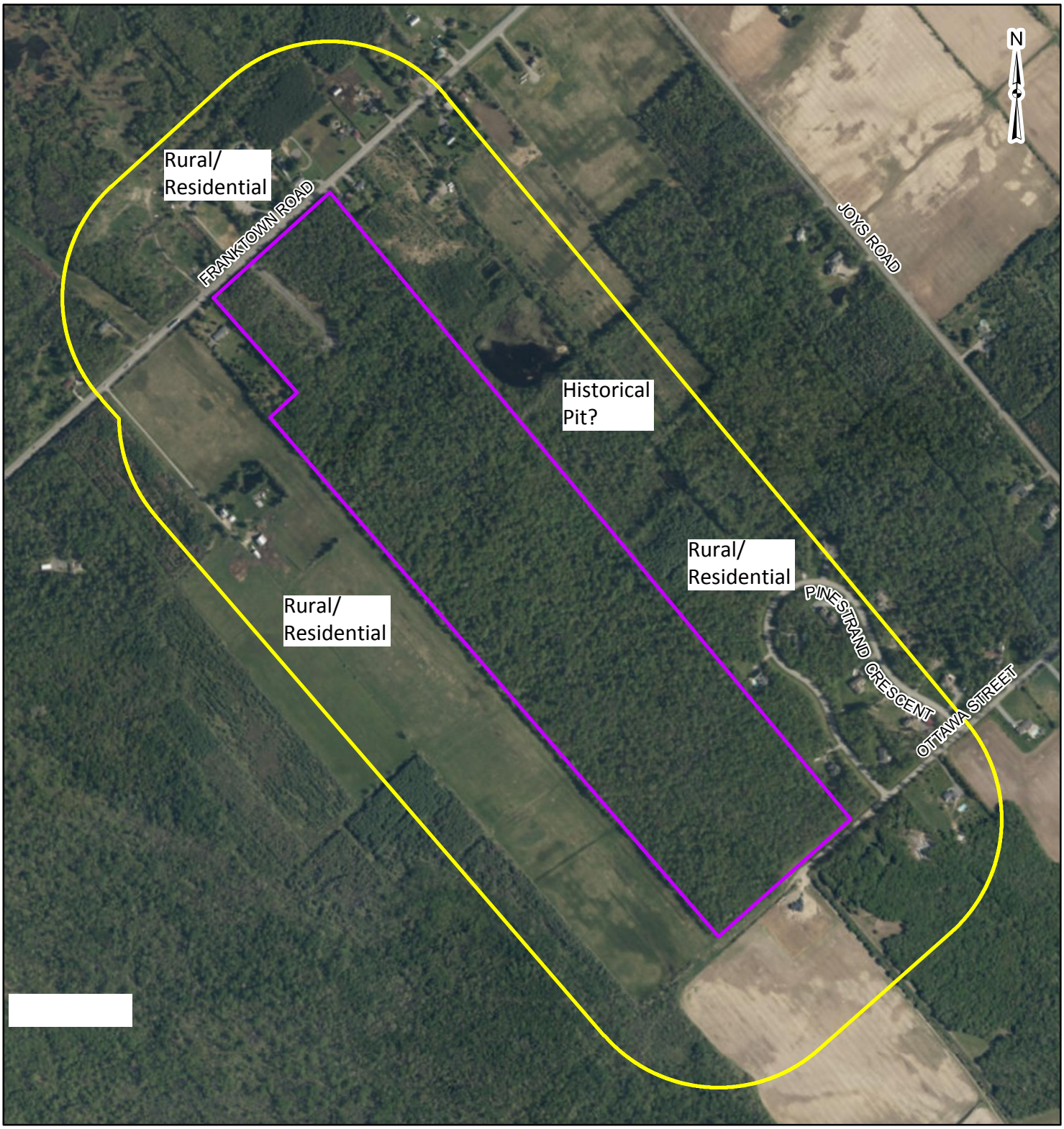
TITLE: SITE LAYOUT

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CP-17-0503	
Date	May., 11, 2018
GIS	JD
Checked By	JB

FIGURE: 2

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0503 Bing Proffesional Eng Inc_Proposed Temple SPA_6688 Franktown Road\15 - GIS\mxd\Phase1ESA\0CP-17-0503_02_SiteLayout6688Franktown.mxd



250 125 0 250

Scale 1:9,000 Metres

LEGEND

- Approximate Site Boundary
- 250m Buffer

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2018.

CLIENT: BING PROFESSIONAL ENGINEERING

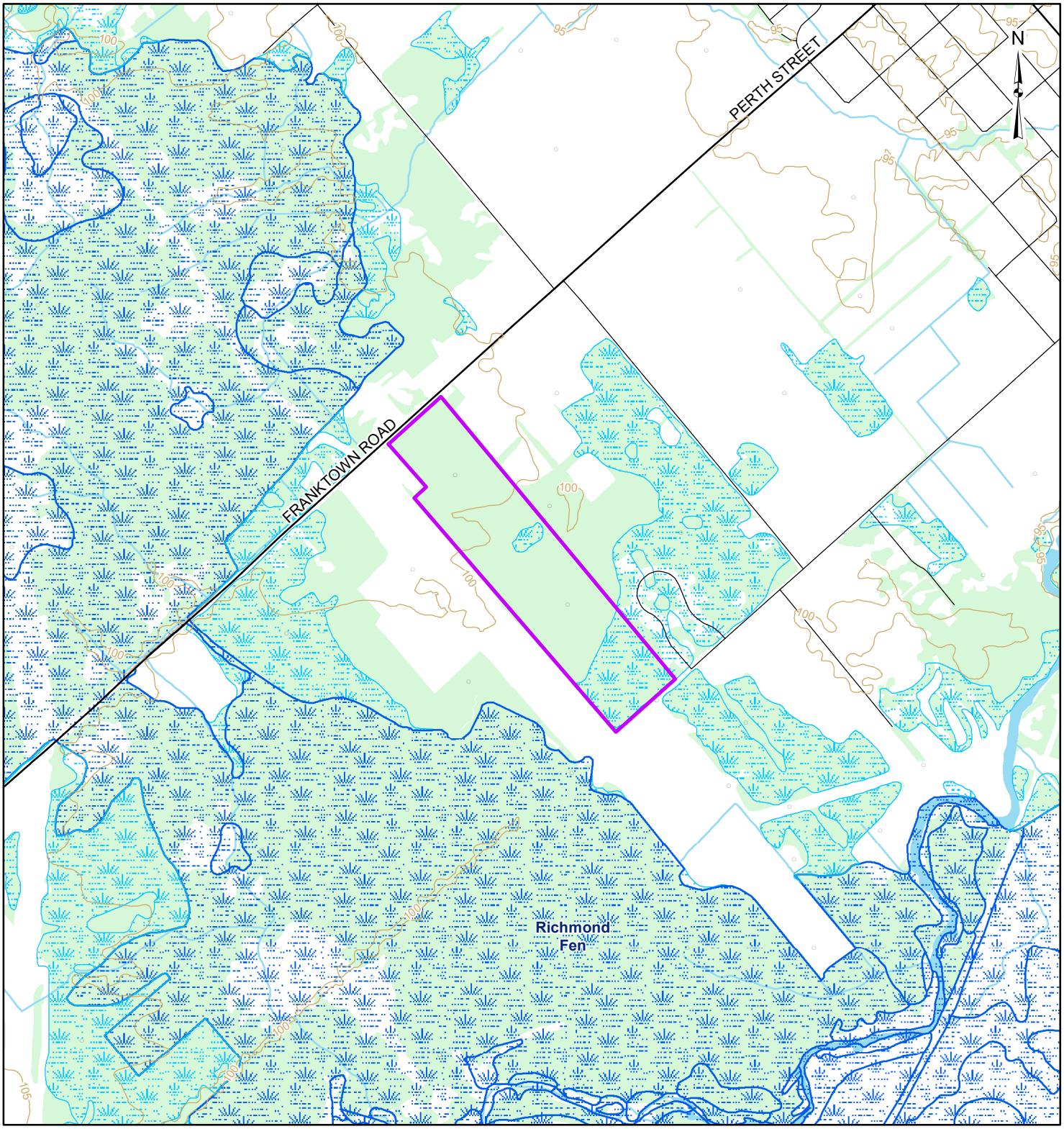
PROJECT: PHASE 1 ESA - 6688 FRANKTOWN ROAD

TITLE: STUDY AREA AND SURROUNDING LAND USE

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CP-17-0503		FIGURE:
Date	May., 09, 2018	3
GIS	JD	
Checked By	JB	

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0503 Bing Proffesional Eng Inc_Proposed Temple SPA_6688 Franktown Road\15 - GIS\mxd\Phase1ESA\0CP-17-0503_03_SurroundingLandUse6688Franktown.mxd



800 400 0 800

Scale 1:20,000 Metres

LEGEND

- Site Boundary
- Spot Height (masl)
- Contour (masl)
- Local Road
- Major Road
- Watercourse
- Waterbody
- Provincially Significant Wetland
- Unevaluated Wetland
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2018.

CLIENT: BING PROFESSIONAL ENGINEERING

PROJECT: PHASE 1 ESA - 6688 FRANKTOWN ROAD

TITLE: DRAINAGE AND TOPOGRAPHY

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CP-17-0503		FIGURE:
Date	May., 09, 2018	4
GIS	JD	
Checked By	JB	

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0503 Bing Proffesional Eng Inc_Proposed Temple SPA_6688 Franktown Road\15 - GIS\mxd\Phase1ESA\0CP-17-0503_04_TopographyDrainage6688Franktown.mxd

APPENDIX A

CORRESPONDENCE

Jordan Bowman

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May-29-18 5:43 PM
To: Jordan Bowman
Subject: RE: Info request - 6688 Franktown Rd, Ottawa

Hello Jordan,

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 address.

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,

Yalini

From: Jordan Bowman <j.bowman@mcintoshperry.com>
Sent: May 29, 2018 1:59 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Info request - 6688 Franktown Rd, Ottawa

Hello,

I am inquiring as to any environmental records related to 6688 Franktown Rd, Ottawa, ON.

Thank you,

Jordan

Jordan Bowman, B.Sc.
Environmental Scientist
115 Walgreen Road, R.R. 3, Carp, ON K0A 1L0
T. 613.836.2184 (ext 2280) | **F.** 613.836.3742 | **C.** 613.229.9528
j.bowman@mcintoshperry.com | www.mcintoshperry.com
McINTOSH PERRY

Confidentiality Notice – If this email wasn't intended for you, please return or delete it. Click here to read all of the legal language around this concept.

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Ontario Ministry of the Environment

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester **Email address:** j.bowman@mcintoshperry.com			FOI Request No.	Date Request Received
			Fee Paid ☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH	
Telephone/Fax Nos. Tel. (613)836-2184 ext.2280 Fax (613)836-3742	Your Project/Reference No. OCP-17-0503	Signature/Print /Name of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**
6688 Franktown Rd, Ottawa, ON

Present Property Owner(s) and Date(s) of Ownership
Various

Previous Property Owner(s) and Date(s) of Ownership
Unused

Present/Previous Tenant(s),(if applicable)

Search Parameters *Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.*	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	1986-2017
Orders	1986-2017
Spills	1986-2017
Investigations/prosecutions ➤ Owner **AND** tenant information must be provided	1986-2017
Waste Generator number/classes	1986-2017

Certificates of Approval ➤ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	**Specify Year(s) Requested**
air - *emissions*		1986-2017
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986-2017
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986-2017
waste water - *industrial discharges*		1986-2017
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator* sites		1986-2017
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		1986-2017
pesticides - *licenses*		1986-2017

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

APPENDIX B

ECOLOG ERIS

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*6688 Franktown Rd Ph 1 ESA* *6688 Franktown Rd* *Ottawa ON*
Project No:	*170503*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20180522066*
Requested by:	*McIntosh Perry Consulting Engineers*
Date Completed:	*May 28, 2018*

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

www.erisinfo.com

Table of Contents

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report(s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property:	*6688 Franktown Rd Ph 1 ESA* *6688 Franktown Rd Ottawa ON*
Project No:	*170503*

Order Information:

Order No:	*20180522066*
Date Requested:	*May 22, 2018*
Requested by:	*McIntosh Perry Consulting Engineers*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection - .tiff files*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	5	5
CA	Certificates of Approval	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
DRYCLEANERS	Dry Cleaning Facilities	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	1	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	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	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
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
NEBW	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
OGW	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	0	0
PINC	TSSA 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	0	0
SPL	Ontario Spills	Y	0	0	0
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	TSSA 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	1	19	20
	Total:		1	25	26

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 20 con 3 ON	-/0.0	0.00	14

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	BORE		ON	NNW/30.0	0.00	16
2	WWIS		lot 20 con 3 ON	NNW/30.0	0.00	16
3	WWIS		lot 19 con 3 ON	S/32.3	0.00	18
4	WWIS		lot 16 con 4 GLOUCESTER ON	NW/40.7	0.00	21
5	WWIS		lot 19 con 4 RICHMOND ON	NW/46.3	0.00	23
6	WWIS		lot 13 con 10 BECKWITH ON	NW/75.4	0.00	28
7	WWIS		lot 6 con 5 GREELY ON	NW/77.9	0.00	33
8	WWIS		lot 3 con 4 GREELY ON	NW/78.9	0.00	38
9	WWIS		lot 2 con 5 ASHTON ON	NW/80.1	0.00	43
10	WWIS		lot 4 con 4 Ottawa ON	NW/81.5	0.00	48
11	WWIS		lot 19 con 4 ON	NNW/84.5	0.00	53
12	WWIS		lot 19 con 4 ON	NW/88.2	0.00	56
13	WWIS		lot 7 con 8 MUNSTER ON	NNW/88.3	0.00	58
14	EHS		6659 Franktown Rd Ottawa ON K0A2Z0	NNW/92.9	0.00	63
15	WWIS		lot 20 con 4 ON	NNW/100.9	0.00	63
16	WWIS		lot 20 con 4 ON	N/121.9	0.00	66
17	BORE		ON	N/148.7	0.00	68
18	BORE		ON	WSW/152.4	0.00	68
19	BORE		ON	N/154.0	0.00	69
20	WWIS		lot 20 con 4 RICHMOND ON	N/167.6	0.00	69
21	WWIS		lot 20 con 3 RICHMOND ON	ESE/180.0	0.00	74
22	BORE		ON	WSW/193.6	0.00	79
22	WWIS		lot 19 con 3 ON	WSW/193.6	0.00	80

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	WWIS		lot 18 con 3 ON	W/213.9	0.00	82
24	WWIS		lot 20 con 4 ON	N/243.6	0.00	85

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 5 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	30.0	2
	ON	148.7	17
	ON	152.4	18
	ON	154.0	19
	ON	193.6	22

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

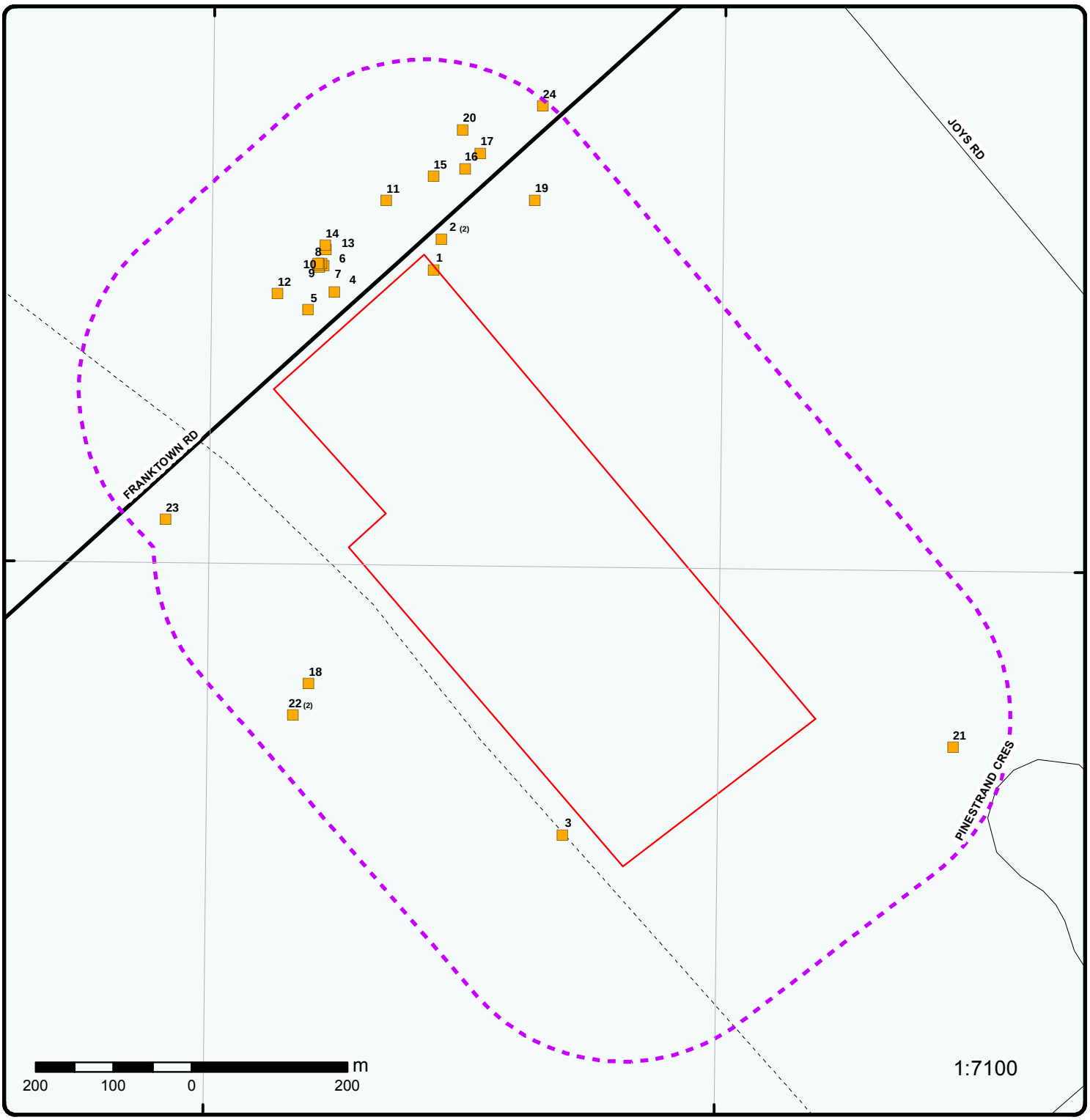
Site	Address	Distance (m)	Map Key
	6659 Franktown Rd Ottawa ON K0A2Z0	92.9	14

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 20 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 20 con 3 ON	0.0	1
	lot 20 con 3 ON	30.0	2
	lot 19 con 3 ON	32.3	3
	lot 16 con 4 GLOUCESTER ON	40.7	4
	lot 19 con 4 RICHMOND ON	46.3	5

Site	Address	Distance (m)	Map Key
	lot 13 con 10 BECKWITH ON	75.4	6
	lot 6 con 5 GREELY ON	77.9	7
	lot 3 con 4 GREELY ON	78.9	8
	lot 2 con 5 ASHTON ON	80.1	9
	lot 4 con 4 Ottawa ON	81.5	10
	lot 19 con 4 ON	84.5	11
	lot 19 con 4 ON	88.2	12
	lot 7 con 8 MUNSTER ON	88.3	13
	lot 20 con 4 ON	100.9	15
	lot 20 con 4 ON	121.9	16
	lot 20 con 4 RICHMOND ON	167.6	20
	lot 20 con 3 RICHMOND ON	180.0	21
	lot 19 con 3 ON	193.6	22
	lot 18 con 3 ON	213.9	23
	lot 20 con 4 ON	243.6	24



Map : 0.25 Kilometer Radius

Order No: 20180522066

Address: 6688 Franktown Rd, Ottawa, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

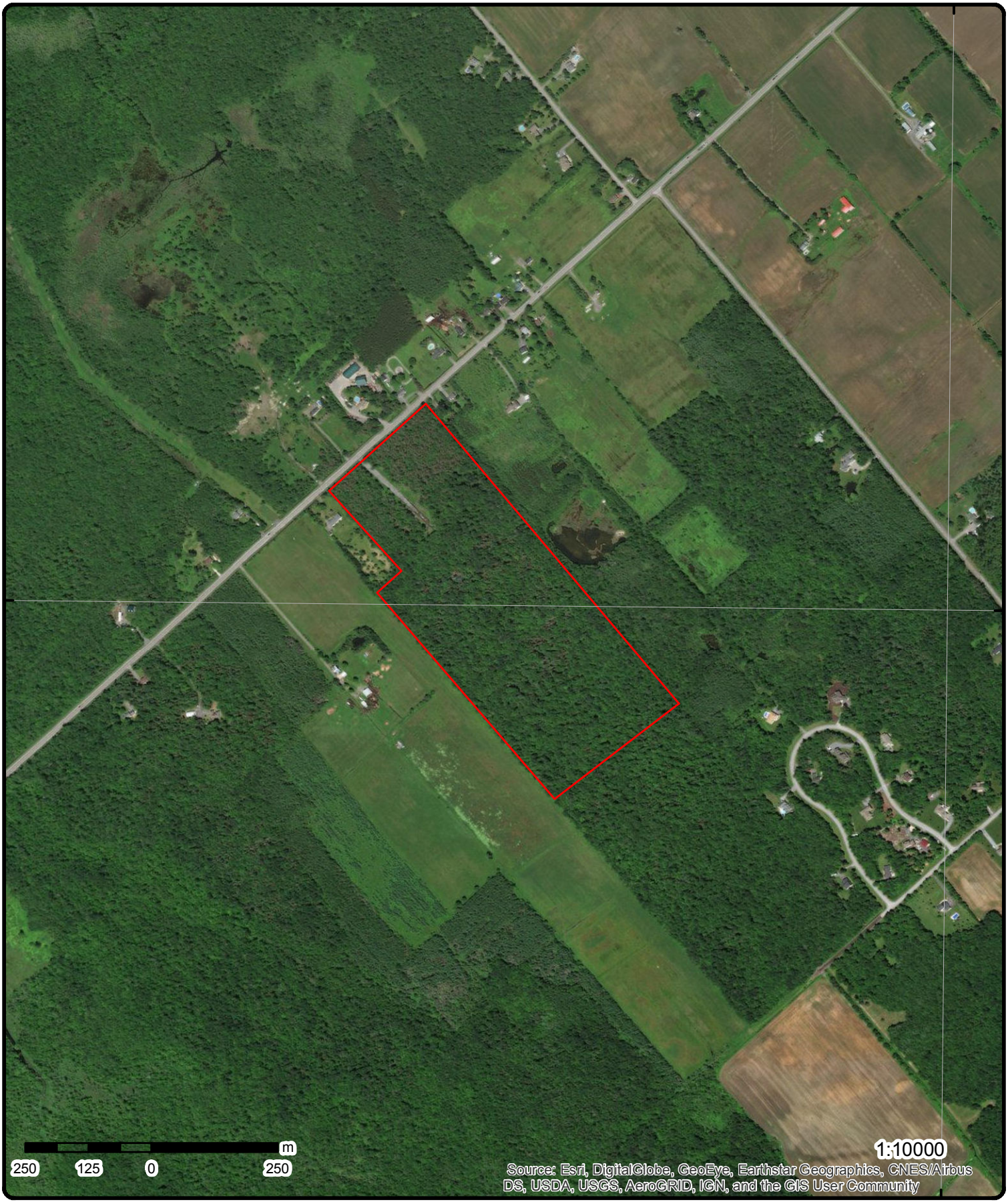
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- 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.

© ERIS Information Limited Partnership

75°51'W

45°10'30"N



45°10'30"N

Aerial (2015)

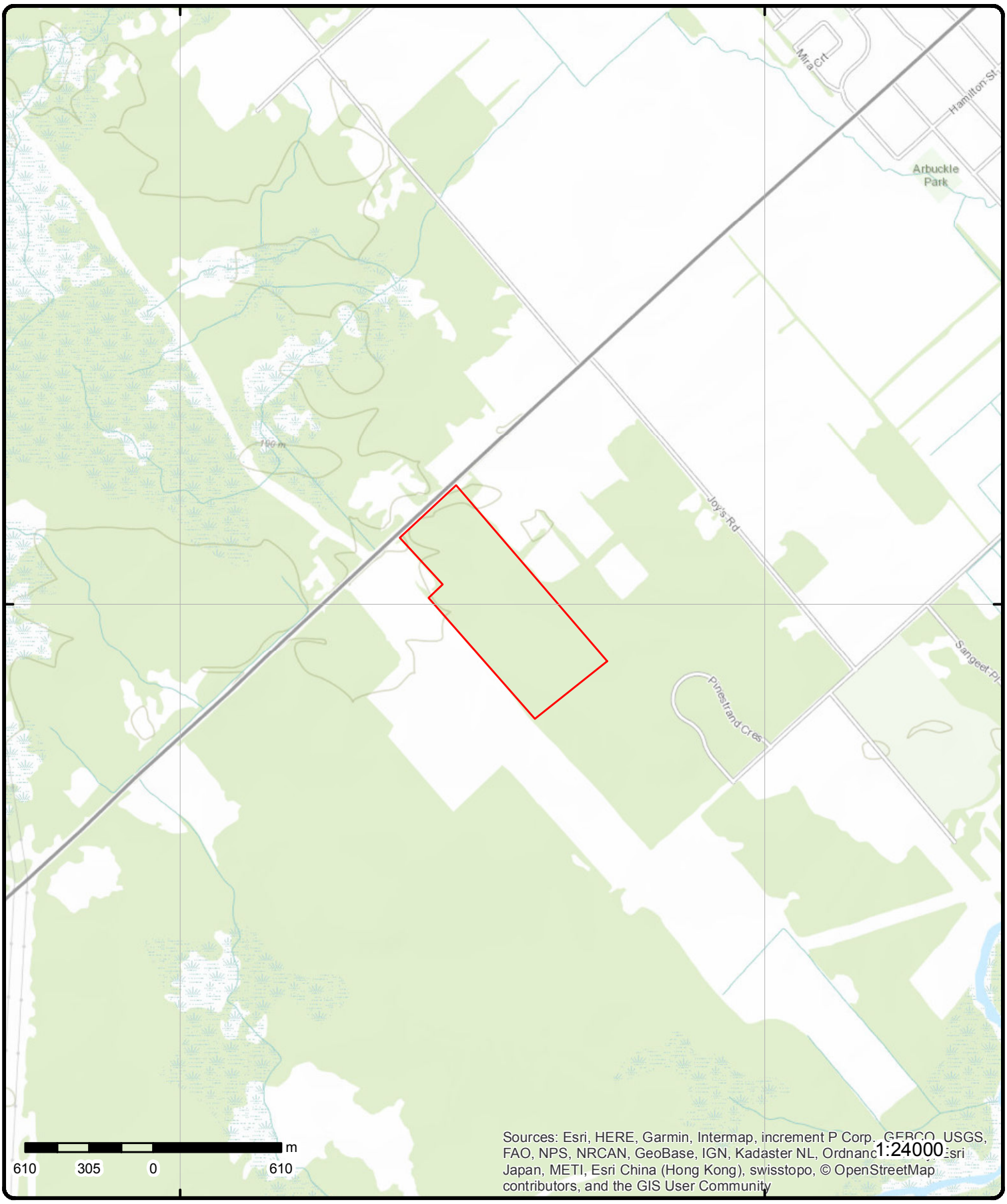
Address: 6688 Franktown Rd, Ottawa, ON

Source: ESRI World Imagery

Order No: 20180522066

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Limited Partnership



Topographic Map

Address: 6688 Franktown Rd, Ottawa, ON

Source: ESRI World Topographic Map

Order No: 20180522066

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	-/0.0	99.9 / 0.00	lot 20 con 3 ON	WWIS

Well ID:	1502410	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/18/1967
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	020
Well Depth:		**Concession:**	03
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:	10024453	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:	o	**UTMRC:**	5
Code OB Desc:	Overburden	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	100.599533	**Org CS:**	
Elevrc:		**Date Completed:**	6/12/1967
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930994451
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 20.00
Formation End Depth UOM: ft

Formation ID: 930994452
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20.00
Formation End Depth: 22.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502410
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573023
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041675
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502410
Pump Set At:
Static Level: 8.00
Final Level After Pumping: 12.00
Recommended Pump Depth: 18.00
Pumping Rate: 5.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 933455193
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 22.00
Water Found Depth UOM: ft

---

2 | 1 of 2 | NNW/30.0 | 99.9 / 0.00 | ON | BORE

Borehole ID: 610281
Use:
Drill Method::
Easting:: 432201
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 19.8
Township::
Lot::
Completion Date:: AUG-1964
Primary Water Use::
Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5003172
Orig. Ground Elev m:: 99.1
DEM Ground Elev m:: 100
Primary Name::
Concession::
Municipality:
Static Water Level:: -999.9
Sec. Water Use::

--Details--

Stratum ID: 218385168
Bottom Depth(m): 2.4
Top Depth(m): 0.0
Stratum Desc: CLAY,SOIL.

Stratum ID: 218385169
Bottom Depth(m): 19.8
Top Depth(m): 2.4
Stratum Desc: SANDSTONE. 00060EY. 0010000060. GREY. 00064STONE. TILL. BROWN,DENSE. 00040035

---

2 | 2 of 2 | NNW/30.0 | 99.9 / 0.00 | lot 20 con 3 ON | WWIS

Well ID: 1502409
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: 8/31/1964
Selected Flag: 1
Abandonment Rec:
Contractor: 3503
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 020
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10024452
DP2BR: 8
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 100.629638
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Org CS:
Date Completed: 8/15/1964

Overburden and Bedrock Materials Interval

Formation ID: 930994449
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Other Materials: TOPSOIL
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 8.00
Formation End Depth UOM: ft

Formation ID: 930994450
Layer: 2
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8.00
Formation End Depth: 65.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502409
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573022
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930041673
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930041674
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502409
Pump Set At:	
Static Level:	4.00
Final Level After Pumping:	28.00
Recommended Pump Depth:	52.00
Pumping Rate:	10.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	933455192
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.00
Water Found Depth UOM:	ft

---

3 ***1 of 1*** ***S/32.3*** ***99.9 / 0.00*** ***lot 19 con 3 ON*** ***WWIS***

Well ID:	1524746	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/17/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	80332	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON

Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	019
Well Depth:		**Concession:**	03
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:	10046494	**Spatial Status:**	
DP2BR:	16	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	9
Code OB Desc:	Bedrock	**UTMRC Desc:**	unknown UTM
Open Hole:		**Location Method:**	lot
Elevation:	99.907943	**Org CS:**	
Elevrc:		**Date Completed:**	7/26/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931058944
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	931058945
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	3.00
Formation End Depth:	16.00
Formation End Depth UOM:	ft

Formation ID:	931058946
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:	16.00
Formation End Depth:	90.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961524746
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10595064
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930081392
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930081393
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991524746
Pump Set At:	
Static Level:	10.00
Final Level After Pumping:	40.00
Recommended Pump Depth:	75.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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: 934109933
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934385342
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934654703
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934903078
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933483480
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933483481
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 84.00
Water Found Depth UOM: ft

---

4 | ***1 of 1*** | ***NW/40.7*** | ***99.9 / 0.00*** | ***lot 16 con 4 GLOUCESTER ON*** | ***WWIS***

Well ID: 1536667
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z48579
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src:
Date Received: 9/7/2006
Selected Flag: 1
Abandonment Rec: Yes
Contractor: 1119
Form Version: 3
Owner:
Street Name: 2714 FENTON RD
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info: PLAN 5R-1387 PART 1
Lot: 016
Concession: 04
Concession Name: CON

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: 11691761
DP2BR:
Code OB: u
Code OB Desc: all layers are unknown type
Open Hole:
Elevation: 100.824737
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Date Completed: 6/22/2006

Overburden and Bedrock Materials Interval

Formation ID: 933070648
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 26.21
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933302004
Layer: 1
Plug From: 26.21
Plug To: 0.00
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961536667
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11696627
Casing No: 1
Comment:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
5	1 of 1	NW/46.3	99.9 / 0.00	lot 19 con 4 RICHMOND ON	WWIS

Well ID:	7248774	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	9/22/2015
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z191564	**Owner:**	
Tag:	A186910	**Street Name:**	6685 FRANKTOWN ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	PART 1 & 2
Depth to Bedrock:		**Lot:**	019
Well Depth:		**Concession:**	04
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:	1005699380	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	gis
Elevation:	100.862258	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	8/3/2015
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005726909
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	16.00
Formation End Depth UOM:	ft

Formation ID:	1005726910
Layer:	2
Color:	2

General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	16.00
Formation End Depth:	100.00
Formation End Depth UOM:	ft
Formation ID:	1005726911
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	
Other Materials:	
Formation Top Depth:	100.00
Formation End Depth:	130.00
Formation End Depth UOM:	ft
Formation ID:	1005726912
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	
Other Materials:	
Formation Top Depth:	130.00
Formation End Depth:	140.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005726947
Layer:	1
Plug From:	22.00
Plug To:	122.00
Plug Depth UOM:	ft
Plug ID:	1005726948
Layer:	2
Plug From:	12.00
Plug To:	0.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005726946
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID: 1005726907
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005726916
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.00
Depth To: 22.00
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 1005726917
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 22.00
Depth To: 140.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005726918
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: 1005726908
Pump Set At: 120.00
Static Level: 14.25
Final Level After Pumping: 43.67
Recommended Pump Depth: 120.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 20.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1005726919

Test Type:	Draw Down
Test Duration:	1
Test Level:	21.00
Test Level UOM:	ft
Pump Test Detail ID:	1005726920
Test Type:	Recovery
Test Duration:	1
Test Level:	43.66
Test Level UOM:	ft
Pump Test Detail ID:	1005726921
Test Type:	Draw Down
Test Duration:	2
Test Level:	24.58
Test Level UOM:	ft
Pump Test Detail ID:	1005726922
Test Type:	Recovery
Test Duration:	2
Test Level:	30.08
Test Level UOM:	ft
Pump Test Detail ID:	1005726923
Test Type:	Draw Down
Test Duration:	3
Test Level:	28.08
Test Level UOM:	ft
Pump Test Detail ID:	1005726924
Test Type:	Recovery
Test Duration:	3
Test Level:	30.16
Test Level UOM:	ft
Pump Test Detail ID:	1005726925
Test Type:	Draw Down
Test Duration:	4
Test Level:	31.50
Test Level UOM:	ft
Pump Test Detail ID:	1005726926
Test Type:	Recovery
Test Duration:	4
Test Level:	19.08
Test Level UOM:	ft
Pump Test Detail ID:	1005726927
Test Type:	Draw Down
Test Duration:	5
Test Level:	33.16
Test Level UOM:	ft
Pump Test Detail ID:	1005726928
Test Type:	Recovery
Test Duration:	5
Test Level:	17.00
Test Level UOM:	ft
Pump Test Detail ID:	1005726930
Test Type:	Recovery
Test Duration:	10
Test Level:	14.25
Test Level UOM:	ft
Pump Test Detail ID:	1005726929

Test Type: Draw Down
Test Duration: 10
Test Level: 37.66
Test Level UOM: ft

Pump Test Detail ID: 1005726931
Test Type: Draw Down
Test Duration: 15
Test Level: 40.41
Test Level UOM: ft

Pump Test Detail ID: 1005726932
Test Type: Recovery
Test Duration: 15
Test Level: 14.25
Test Level UOM: ft

Pump Test Detail ID: 1005726934
Test Type: Recovery
Test Duration: 20
Test Level: 14.25
Test Level UOM: ft

Pump Test Detail ID: 1005726933
Test Type: Draw Down
Test Duration: 20
Test Level: 41.00
Test Level UOM: ft

Pump Test Detail ID: 1005726936
Test Type: Recovery
Test Duration: 25
Test Level: 14.25
Test Level UOM: ft

Pump Test Detail ID: 1005726935
Test Type: Draw Down
Test Duration: 25
Test Level: 43.16
Test Level UOM: ft

Pump Test Detail ID: 1005726937
Test Type: Draw Down
Test Duration: 30
Test Level: 43.50
Test Level UOM: ft

Pump Test Detail ID: 1005726938
Test Type: Recovery
Test Duration: 30
Test Level: 14.25
Test Level UOM: ft

Pump Test Detail ID: 1005726939
Test Type: Draw Down
Test Duration: 40
Test Level: 43.66
Test Level UOM: ft

Pump Test Detail ID: 1005726940
Test Type: Recovery
Test Duration: 40
Test Level: 14.25
Test Level UOM: ft

Pump Test Detail ID: 1005726941

Test Type:	Draw Down
Test Duration:	50
Test Level:	43.66
Test Level UOM:	ft
Pump Test Detail ID:	1005726942
Test Type:	Recovery
Test Duration:	50
Test Level:	14.25
Test Level UOM:	ft
Pump Test Detail ID:	1005726943
Test Type:	Draw Down
Test Duration:	60
Test Level:	43.66
Test Level UOM:	ft
Pump Test Detail ID:	1005726944
Test Type:	Recovery
Test Duration:	60
Test Level:	14.25
Test Level UOM:	ft

Water Details

Water ID:	1005726915
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	130.00
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005726913
Diameter:	9.75
Depth From:	0.00
Depth To:	22.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
Hole ID:	1005726914
Diameter:	6.00
Depth From:	22.00
Depth To:	140.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

6 ***1 of 1*** ***NW/75.4*** ***99.9 / 0.00*** ***lot 13 con 10 BECKWITH ON*** ***WWIS***

Well ID:	7108135	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	7/15/2008
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1119
Casing Material:		***Form Version:***	7
Audit No:	Z80774	***Owner:***	
Tag:	A066491	***Street Name:***	380 BALMORALDR
Construction Method:		***County:***	LANARK
Elevation (m):		***Municipality:***	BECKWITH TOWNSHIP
Elevation Reliability:		***Site Info:***	

Depth to Bedrock:		***Lot:***	013
Well Depth:		***Concession:***	10
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:	1001657826	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:		***UTMRC:***	3
Code OB Desc:		***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	100.770095	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	6/3/2008
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001779894
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	0.91
Formation End Depth UOM:	m

Formation ID:	1001779895
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.91
Formation End Depth:	30.47
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001779897
Layer:	1
Plug From:	12.19

Plug To: 0.00
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001779928
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1001779892
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001779899
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 12.80
Depth To: 0.00
Casing Diameter: 0.15
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001779900
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001779893
Pump Set At: 24.38
Static Level: 7.32
Final Level After Pumping: 7.64
Recommended Pump Depth: 24.38
Pumping Rate: 91.00
Flowing Rate:
Recommended Pump Rate: 91.00
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1001779902
Test Type: Recovery
Test Duration: 1
Test Level: 7.47
Test Level UOM: m

Pump Test Detail ID: 1001779901
Test Type: Draw Down
Test Duration: 1
Test Level: 7.44
Test Level UOM: m

Pump Test Detail ID: 1001779903
Test Type: Draw Down
Test Duration: 2
Test Level: 7.47
Test Level UOM: m

Pump Test Detail ID: 1001779904
Test Type: Recovery
Test Duration: 2
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779906
Test Type: Recovery
Test Duration: 3
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779905
Test Type: Draw Down
Test Duration: 3
Test Level: 7.50
Test Level UOM: m

Pump Test Detail ID: 1001779907
Test Type: Draw Down
Test Duration: 4
Test Level: 7.52
Test Level UOM: m

Pump Test Detail ID: 1001779908
Test Type: Recovery
Test Duration: 4
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779909
Test Type: Draw Down
Test Duration: 5
Test Level: 7.54
Test Level UOM: m

Pump Test Detail ID: 1001779910
Test Type: Recovery
Test Duration: 5
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779911
Test Type: Draw Down
Test Duration: 10
Test Level: 7.58

Test Level UOM: m

Pump Test Detail ID: 1001779912
Test Type: Recovery
Test Duration: 10
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779913
Test Type: Draw Down
Test Duration: 15
Test Level: 7.60
Test Level UOM: m

Pump Test Detail ID: 1001779914
Test Type: Recovery
Test Duration: 15
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779915
Test Type: Draw Down
Test Duration: 20
Test Level: 7.61
Test Level UOM: m

Pump Test Detail ID: 1001779916
Test Type: Recovery
Test Duration: 20
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779917
Test Type: Draw Down
Test Duration: 25
Test Level: 7.62
Test Level UOM: m

Pump Test Detail ID: 1001779918
Test Type: Recovery
Test Duration: 25
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779919
Test Type: Draw Down
Test Duration: 30
Test Level: 7.63
Test Level UOM: m

Pump Test Detail ID: 1001779920
Test Type: Recovery
Test Duration: 30
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779921
Test Type: Draw Down
Test Duration: 40
Test Level: 7.63
Test Level UOM: m

Pump Test Detail ID: 1001779922
Test Type: Recovery
Test Duration: 40
Test Level: 7.32

Test Level UOM: m

Pump Test Detail ID: 1001779923
Test Type: Draw Down
Test Duration: 50
Test Level: 7.63
Test Level UOM: m

Pump Test Detail ID: 1001779924
Test Type: Recovery
Test Duration: 50
Test Level: 7.32
Test Level UOM: m

Pump Test Detail ID: 1001779925
Test Type: Draw Down
Test Duration: 60
Test Level: 7.64
Test Level UOM: m

Pump Test Detail ID: 1001779926
Test Type: Recovery
Test Duration: 60
Test Level: 7.32
Test Level UOM: m

Water Details

Water ID: 1001779898
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 25.00
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001779896
Diameter: 15.55
Depth From: 30.47
Depth To: 0.00
Hole Depth UOM: m
Hole Diameter UOM: cm

---

7 | ***1 of 1*** | ***NW/77.9*** | ***99.9 / 0.00*** | ***lot 6 con 5 GREELY ON*** | ***WWIS***

Well ID: 1536384
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z39983
Tag: A036169
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src:
Date Received: 6/12/2006
Selected Flag: 1
Abandonment Rec:
Contractor: 1119
Form Version: 3
Owner:
Street Name: 6045/6055 BANK STREET
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info: PLAN 902 P/L 73/74
Lot: 006
Concession: 05
Concession Name: CON
Easting NAD83:

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

Bore Hole Information

Bore Hole ID:	11550450	***Spatial Status:***	
DP2BR:	27	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	100.766914	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	4/21/2006
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933048241
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	8.23
Formation End Depth UOM:	m

Formation ID:	933048242
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8.23
Formation End Depth:	36.57
Formation End Depth UOM:	m

Formation ID:	933048243
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	36.57

Formation End Depth: 49.98
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933290720
Layer: 1
Plug From: 10.36
Plug To: 7.31
Plug Depth UOM: m

Plug ID: 933290721
Layer: 2
Plug From: 7.31
Plug To: 0.00
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961536384
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11560057
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930877588
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.00
Depth To: 10.97
Casing Diameter: 15.88
Casing Diameter UOM: cm
Casing Depth UOM: m

Casing ID: 930877589
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 10.36
Depth To: 49.98
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11569466
Pump Set At: 42.67
Static Level: 1.30
Final Level After Pumping: 2.04
Recommended Pump Depth: 42.67

Pumping Rate:	91.00
Flowing Rate:	
Recommended Pump Rate:	91.00
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	11602252
Test Type:	Recovery
Test Duration:	1
Test Level:	1.72
Test Level UOM:	m
Pump Test Detail ID:	11602251
Test Type:	Draw Down
Test Duration:	1
Test Level:	1.59
Test Level UOM:	m
Pump Test Detail ID:	11602253
Test Type:	Draw Down
Test Duration:	2
Test Level:	1.59
Test Level UOM:	m
Pump Test Detail ID:	11602254
Test Type:	Recovery
Test Duration:	2
Test Level:	1.65
Test Level UOM:	m
Pump Test Detail ID:	11602255
Test Type:	Draw Down
Test Duration:	3
Test Level:	1.62
Test Level UOM:	m
Pump Test Detail ID:	11602256
Test Type:	Recovery
Test Duration:	3
Test Level:	1.56
Test Level UOM:	m
Pump Test Detail ID:	11602258
Test Type:	Recovery
Test Duration:	4
Test Level:	1.45
Test Level UOM:	m
Pump Test Detail ID:	11602257
Test Type:	Draw Down
Test Duration:	4
Test Level:	1.62
Test Level UOM:	m
Pump Test Detail ID:	11602260
Test Type:	Recovery
Test Duration:	5

Test Level: 1.38
Test Level UOM: m

Pump Test Detail ID: 11602259
Test Type: Draw Down
Test Duration: 5
Test Level: 1.62
Test Level UOM: m

Pump Test Detail ID: 11602261
Test Type: Draw Down
Test Duration: 10
Test Level: 1.68
Test Level UOM: m

Pump Test Detail ID: 11602262
Test Type: Recovery
Test Duration: 10
Test Level: 1.30
Test Level UOM: m

Pump Test Detail ID: 11602263
Test Type: Draw Down
Test Duration: 15
Test Level: 1.74
Test Level UOM: m

Pump Test Detail ID: 11602264
Test Type: Draw Down
Test Duration: 20
Test Level: 1.76
Test Level UOM: m

Pump Test Detail ID: 11602265
Test Type: Draw Down
Test Duration: 25
Test Level: 1.79
Test Level UOM: m

Pump Test Detail ID: 11602266
Test Type: Draw Down
Test Duration: 30
Test Level: 1.81
Test Level UOM: m

Pump Test Detail ID: 11602267
Test Type: Draw Down
Test Duration: 40
Test Level: 1.85
Test Level UOM: m

Pump Test Detail ID: 11602268
Test Type: Draw Down
Test Duration: 50
Test Level: 1.89
Test Level UOM: m

Pump Test Detail ID: 11602269
Test Type: Draw Down
Test Duration: 60
Test Level: 2.04
Test Level UOM: m

Water Details

Water ID:	934076137
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	13.11
Water Found Depth UOM:	m
Water ID:	934076136
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	48.16
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11681157
Diameter:	15.23
Depth From:	0.00
Depth To:	49.98
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

8 | ***1 of 1*** | ***NW/78.9*** | ***99.9 / 0.00*** | ***lot 3 con 4 GREELY ON*** | ***WWIS***

Well ID:	7053852	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	12/14/2007
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	4
Audit No:	Z61172	**Owner:**	
Tag:	A072307	**Street Name:**	6778 SUNCREST DRIVE
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	04
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:	23053852	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:	Y	**Location Method:**	wwr
Elevation:	100.76818	**Org CS:**	UTM83
Elevrc:		**Date Completed:**	11/13/2007
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001510005
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0.00
Formation End Depth:	6.71
Formation End Depth UOM:	m

Formation ID:	1001510006
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6.71
Formation End Depth:	18.29
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001510008
Layer:	1
Plug From:	9.45
Plug To:	6.40
Plug Depth UOM:	m

Plug ID:	1001510009
Layer:	2
Plug From:	6.40
Plug To:	0.00
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001510041
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1001510003
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001510012
Layer:	
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10.06
Casing Diameter:	0.15
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001510013
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1001510004
Pump Set At:	12.19
Static Level:	0.40
Final Level After Pumping:	0.51
Recommended Pump Depth:	12.19
Pumping Rate:	91.00
Flowing Rate:	
Recommended Pump Rate:	91.00
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	3
Water State After Test:	OTHER
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	1001510014
Test Type:	Draw Down
Test Duration:	1
Test Level:	0.45
Test Level UOM:	m

Pump Test Detail ID:	1001510015
Test Type:	Recovery
Test Duration:	1
Test Level:	0.46
Test Level UOM:	m

Pump Test Detail ID:	1001510017
Test Type:	Recovery
Test Duration:	2
Test Level:	0.45
Test Level UOM:	m

Pump Test Detail ID: 1001510016
Test Type: Draw Down
Test Duration: 2
Test Level: 0.46
Test Level UOM: m

Pump Test Detail ID: 1001510018
Test Type: Draw Down
Test Duration: 3
Test Level: 0.47
Test Level UOM: m

Pump Test Detail ID: 1001510019
Test Type: Recovery
Test Duration: 3
Test Level: 0.44
Test Level UOM: m

Pump Test Detail ID: 1001510021
Test Type: Recovery
Test Duration: 4
Test Level: 0.44
Test Level UOM: m

Pump Test Detail ID: 1001510020
Test Type: Draw Down
Test Duration: 4
Test Level: 0.47
Test Level UOM: m

Pump Test Detail ID: 1001510023
Test Type: Recovery
Test Duration: 5
Test Level: 0.43
Test Level UOM: m

Pump Test Detail ID: 1001510022
Test Type: Draw Down
Test Duration: 5
Test Level: 0.48
Test Level UOM: m

Pump Test Detail ID: 1001510025
Test Type: Recovery
Test Duration: 10
Test Level: 0.42
Test Level UOM: m

Pump Test Detail ID: 1001510024
Test Type: Draw Down
Test Duration: 10
Test Level: 0.49
Test Level UOM: m

Pump Test Detail ID: 1001510027
Test Type: Recovery
Test Duration: 15
Test Level: 0.42
Test Level UOM: m

Pump Test Detail ID: 1001510026
Test Type: Draw Down
Test Duration: 15
Test Level: 0.50
Test Level UOM: m

Pump Test Detail ID: 1001510029
Test Type: Recovery
Test Duration: 20
Test Level: 0.41
Test Level UOM: m

Pump Test Detail ID: 1001510028
Test Type: Draw Down
Test Duration: 20
Test Level: 0.50
Test Level UOM: m

Pump Test Detail ID: 1001510030
Test Type: Draw Down
Test Duration: 25
Test Level: 0.50
Test Level UOM: m

Pump Test Detail ID: 1001510031
Test Type: Recovery
Test Duration: 25
Test Level: 0.40
Test Level UOM: m

Pump Test Detail ID: 1001510033
Test Type: Recovery
Test Duration: 30
Test Level: 0.40
Test Level UOM: m

Pump Test Detail ID: 1001510032
Test Type: Draw Down
Test Duration: 30
Test Level: 0.50
Test Level UOM: m

Pump Test Detail ID: 1001510035
Test Type: Recovery
Test Duration: 40
Test Level: 0.40
Test Level UOM: m

Pump Test Detail ID: 1001510034
Test Type: Draw Down
Test Duration: 40
Test Level: 0.50
Test Level UOM: m

Pump Test Detail ID: 1001510037
Test Type: Recovery
Test Duration: 50
Test Level: 0.40
Test Level UOM: m

Pump Test Detail ID: 1001510036
Test Type: Draw Down
Test Duration: 50
Test Level: 0.51
Test Level UOM: m

Pump Test Detail ID: 1001510038
Test Type: Draw Down
Test Duration: 60
Test Level: 0.51
Test Level UOM: m

Pump Test Detail ID:	1001510039
Test Type:	Recovery
Test Duration:	60
Test Level:	0.40
Test Level UOM:	m

Water Details

Water ID:	1001510010
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	12.80
Water Found Depth UOM:	m

Water ID:	1001510011
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	17.06
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1001510007
Diameter:	15.87
Depth From:	
Depth To:	18.29
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

9 | **1 of 1** | **NW/80.1** | **99.9 / 0.00** | **lot 2 con 5 ASHTON ON** | **WWIS**

Well ID:	7047631	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	8/7/2007
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	3
Audit No:	Z65159	**Owner:**	
Tag:	A055162	**Street Name:**	8821 COPELAND ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	PART 2
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	05
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:	23047631	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	3
Code OB Desc:		**UTMRC Desc:**	margin of error : 10 - 30 m
Open Hole:		**Location Method:**	wwr

Elevation: 100.766807 ***Org CS:*** UTM83
Elevrc: ***Date Completed:*** 7/4/2007
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 30147631
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 1.52
Formation End Depth UOM: m

Formation ID: 30247631
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.52
Formation End Depth: 43.28
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 44002777
Layer: 1
Plug From: 6.10
Plug To: 0.00
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 25947631
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 29047631
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	42147631
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.00
Depth To:	6.71
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Casing ID:	42247631
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	6.10
Depth To:	43.28
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	27047631
Pump Set At:	36.57
Static Level:	8.56
Final Level After Pumping:	24.72
Recommended Pump Depth:	36.57
Pumping Rate:	56.78
Flowing Rate:	
Recommended Pump Rate:	56.78
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	45025563
Test Type:	Draw Down
Test Duration:	1
Test Level:	11.64
Test Level UOM:	m

Pump Test Detail ID:	45025575
Test Type:	Recovery
Test Duration:	1
Test Level:	19.30
Test Level UOM:	m

Pump Test Detail ID:	45025566
Test Type:	Recovery
Test Duration:	2
Test Level:	17.07
Test Level UOM:	m

Pump Test Detail ID: 45025567
Test Type: Draw Down
Test Duration: 2
Test Level: 13.10
Test Level UOM: m

Pump Test Detail ID: 45025565
Test Type: Draw Down
Test Duration: 3
Test Level: 14.35
Test Level UOM: m

Pump Test Detail ID: 45025587
Test Type: Recovery
Test Duration: 3
Test Level: 14.80
Test Level UOM: m

Pump Test Detail ID: 45025572
Test Type: Draw Down
Test Duration: 4
Test Level: 15.41
Test Level UOM: m

Pump Test Detail ID: 45025573
Test Type: Recovery
Test Duration: 4
Test Level: 13.40
Test Level UOM: m

Pump Test Detail ID: 45025568
Test Type: Recovery
Test Duration: 5
Test Level: 12.00
Test Level UOM: m

Pump Test Detail ID: 45025574
Test Type: Draw Down
Test Duration: 5
Test Level: 16.26
Test Level UOM: m

Pump Test Detail ID: 45025569
Test Type: Draw Down
Test Duration: 10
Test Level: 19.25
Test Level UOM: m

Pump Test Detail ID: 45025570
Test Type: Recovery
Test Duration: 10
Test Level: 9.00
Test Level UOM: m

Pump Test Detail ID: 45025571
Test Type: Draw Down
Test Duration: 15
Test Level: 20.93
Test Level UOM: m

Pump Test Detail ID: 45025564
Test Type: Recovery
Test Duration: 15
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025586
Test Type: Draw Down
Test Duration: 20
Test Level: 22.07
Test Level UOM: m

Pump Test Detail ID: 45025585
Test Type: Recovery
Test Duration: 20
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025583
Test Type: Recovery
Test Duration: 25
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025584
Test Type: Draw Down
Test Duration: 25
Test Level: 22.76
Test Level UOM: m

Pump Test Detail ID: 45025582
Test Type: Recovery
Test Duration: 30
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025578
Test Type: Draw Down
Test Duration: 30
Test Level: 23.30
Test Level UOM: m

Pump Test Detail ID: 45025581
Test Type: Recovery
Test Duration: 40
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025577
Test Type: Draw Down
Test Duration: 40
Test Level: 23.93
Test Level UOM: m

Pump Test Detail ID: 45025576
Test Type: Draw Down
Test Duration: 50
Test Level: 24.34
Test Level UOM: m

Pump Test Detail ID: 45025579
Test Type: Recovery
Test Duration: 50
Test Level: 8.56
Test Level UOM: m

Pump Test Detail ID: 45025588
Test Type: Draw Down
Test Duration: 60
Test Level: 24.72
Test Level UOM: m

Pump Test Detail ID: 45025580
Test Type: Recovery
Test Duration: 60
Test Level: 8.56
Test Level UOM: m

Water Details

Water ID: 41147631
Layer: 1
Kind Code:
Kind:
Water Found Depth: 40.54
Water Found Depth UOM: m

Hole Diameter

Hole ID: 46001878
Diameter: 15.23
Depth From: 0.00
Depth To: 43.28
Hole Depth UOM: m
Hole Diameter UOM: cm

---

10 | **1 of 1** | **NW/81.5** | **99.9 / 0.00** | **lot 4 con 4 Ottawa ON** | **WWIS**

Well ID: 7108150
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z80771
Tag: A072299
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: 7/15/2008
Selected Flag: 1
Abandonment Rec:
Contractor: 1119
Form Version: 7
Owner:
Street Name: 1339 SOUTH BEACH
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 004
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1001658004
DP2BR:
Code OB:
Code OB Desc:
Open Hole:
Elevation: 100.766052
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Spatial Status:
Cluster Kind:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Date Completed: 5/28/2008

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1001780808
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0.00
Formation End Depth:	13.41
Formation End Depth UOM:	m

Formation ID:	1001780809
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13.41
Formation End Depth:	47.24
Formation End Depth UOM:	m

Formation ID:	1001780810
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	47.24
Formation End Depth:	54.86
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001780812
Layer:	1
Plug From:	15.23
Plug To:	12.19
Plug Depth UOM:	m

Plug ID:	1001780813
Layer:	2
Plug From:	12.19
Plug To:	0.00
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001780845
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1001780806
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001780816
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	15.84
Depth To:	0.00
Casing Diameter:	0.15
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001780817
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1001780807
Pump Set At:	30.47
Static Level:	6.93
Final Level After Pumping:	17.60
Recommended Pump Depth:	30.47
Pumping Rate:	91.00
Flowing Rate:	
Recommended Pump Rate:	91.00
Levels UOM:	m
Rate UOM:	GPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1001780818

Test Type:	Draw Down
Test Duration:	1
Test Level:	9.50
Test Level UOM:	m
Pump Test Detail ID:	1001780819
Test Type:	Recovery
Test Duration:	1
Test Level:	12.85
Test Level UOM:	m
Pump Test Detail ID:	1001780820
Test Type:	Draw Down
Test Duration:	2
Test Level:	11.00
Test Level UOM:	m
Pump Test Detail ID:	1001780821
Test Type:	Recovery
Test Duration:	2
Test Level:	8.96
Test Level UOM:	m
Pump Test Detail ID:	1001780823
Test Type:	Recovery
Test Duration:	3
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780822
Test Type:	Draw Down
Test Duration:	3
Test Level:	11.90
Test Level UOM:	m
Pump Test Detail ID:	1001780824
Test Type:	Draw Down
Test Duration:	4
Test Level:	12.65
Test Level UOM:	m
Pump Test Detail ID:	1001780825
Test Type:	Recovery
Test Duration:	4
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780826
Test Type:	Draw Down
Test Duration:	5
Test Level:	13.21
Test Level UOM:	m
Pump Test Detail ID:	1001780827
Test Type:	Recovery
Test Duration:	5
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780829
Test Type:	Recovery
Test Duration:	10
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780828

Test Type:	Draw Down
Test Duration:	10
Test Level:	14.70
Test Level UOM:	m
Pump Test Detail ID:	1001780831
Test Type:	Recovery
Test Duration:	15
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780830
Test Type:	Draw Down
Test Duration:	15
Test Level:	15.55
Test Level UOM:	m
Pump Test Detail ID:	1001780832
Test Type:	Draw Down
Test Duration:	20
Test Level:	16.03
Test Level UOM:	m
Pump Test Detail ID:	1001780833
Test Type:	Recovery
Test Duration:	20
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780835
Test Type:	Recovery
Test Duration:	25
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780834
Test Type:	Draw Down
Test Duration:	25
Test Level:	16.36
Test Level UOM:	m
Pump Test Detail ID:	1001780837
Test Type:	Recovery
Test Duration:	30
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780836
Test Type:	Draw Down
Test Duration:	30
Test Level:	16.60
Test Level UOM:	m
Pump Test Detail ID:	1001780839
Test Type:	Recovery
Test Duration:	40
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780838
Test Type:	Draw Down
Test Duration:	40
Test Level:	16.99
Test Level UOM:	m
Pump Test Detail ID:	1001780840

Test Type:	Draw Down
Test Duration:	50
Test Level:	17.34
Test Level UOM:	m
Pump Test Detail ID:	1001780841
Test Type:	Recovery
Test Duration:	50
Test Level:	6.93
Test Level UOM:	m
Pump Test Detail ID:	1001780842
Test Type:	Draw Down
Test Duration:	60
Test Level:	17.60
Test Level UOM:	m
Pump Test Detail ID:	1001780843
Test Type:	Recovery
Test Duration:	60
Test Level:	6.93
Test Level UOM:	m

Water Details

Water ID:	1001780814
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	28.95
Water Found Depth UOM:	m
Water ID:	1001780815
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	52.42
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1001780811
Diameter:	15.50
Depth From:	54.86
Depth To:	0.00
Hole Depth UOM:	m
Hole Diameter UOM:	cm

11	1 of 1	NNW/84.5	99.9 / 0.00	lot 19 con 4 ON	WWIS

Well ID:	1515832	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/19/1977
Sec. Water Use:	0	***Selected Flag:***	1
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:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	

Depth to Bedrock:		***Lot:***	019
Well Depth:		***Concession:***	04
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:	10037772	***Spatial Status:***	
DP2BR:	12	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	4
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 30 m - 100 m
Open Hole:		***Location Method:***	p4
Elevation:	100.59394	***Org CS:***	
Elevrc:		***Date Completed:***	11/18/1976
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931030348
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	12.00
Formation End Depth UOM:	ft

Formation ID:	931030349
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12.00
Formation End Depth:	64.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515832
Method Construction Code:	5
Method Construction:	Air Percussion

Other Method Construction:

Pipe Information

Pipe ID:	10586342
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930066567
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991515832
Pump Set At:	
Static Level:	0.00
Final Level After Pumping:	50.00
Recommended Pump Depth:	50.00
Pumping Rate:	6.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	934101401
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.00
Test Level UOM:	ft
Pump Test Detail ID:	934378173
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.00
Test Level UOM:	ft
Pump Test Detail ID:	934639693
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.00
Test Level UOM:	ft
Pump Test Detail ID:	934897176
Test Type:	Draw Down

Test Duration: 60
Test Level: 50.00
Test Level UOM: ft

Water Details

Water ID: 933472011
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62.00
Water Found Depth UOM: ft

---

12 | **1 of 1** | **NW/88.2** | **99.9 / 0.00** | **lot 19 con 4 ON** | **WWIS**

Well ID: 1516119
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: 8/25/1977
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 019
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10038054
DP2BR: 15
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 100.755569
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4
Org CS:
Date Completed: 7/27/1977

Overburden and Bedrock Materials Interval

Formation ID: 931031209
Layer: 1
Color: 2
General Color: GREY
Mat1: 28

Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 15.00
Formation End Depth UOM: ft

Formation ID: 931031210
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 15.00
Formation End Depth: 105.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961516119
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10586624
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930066995
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991516119
Pump Set At:
Static Level: 6.00
Final Level After Pumping: 25.00
Recommended Pump Depth: 25.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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:	934101661
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.00
Test Level UOM:	ft
Pump Test Detail ID:	934379272
Test Type:	Draw Down
Test Duration:	30
Test Level:	25.00
Test Level UOM:	ft
Pump Test Detail ID:	934640786
Test Type:	Draw Down
Test Duration:	45
Test Level:	25.00
Test Level UOM:	ft
Pump Test Detail ID:	934898270
Test Type:	Draw Down
Test Duration:	60
Test Level:	25.00
Test Level UOM:	ft

Water Details

Water ID:	933472358
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.00
Water Found Depth UOM:	ft

---

13 | ***1 of 1*** | ***NNW/88.3*** | ***99.9 / 0.00*** | ***lot 7 con 8 MUNSTER ON*** | ***WWIS***

Well ID:	1534476	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	2/6/2004
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	3
Audit No:	Z04839	**Owner:**	
Tag:	A004896	**Street Name:**	#23 KOLO DRIVE
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
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:	11104751	***Spatial Status:***	
DP2BR:	6	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	5
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 100 m - 300 m
Open Hole:		***Location Method:***	wwr
Elevation:	100.737953	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	12/22/2003
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932954869
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	1.83
Formation End Depth UOM:	m

Formation ID:	932954870
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	1.83
Formation End Depth:	54.86
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933248397
Layer:	1
Plug From:	6.10
Plug To:	0.00
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 961534476
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11109103
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930837223
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.00
Depth To: 6.70
Casing Diameter: 15.88
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11117309
Pump Set At:
Static Level: 3.80
Final Level After Pumping: 43.00
Recommended Pump Depth: 30.50
Pumping Rate: 75.70
Flowing Rate:
Recommended Pump Rate: 189.30
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11121648
Test Type: Draw Down
Test Duration: 0
Test Level: 3.80
Test Level UOM: m

Pump Test Detail ID: 11121649
Test Type: Recovery
Test Duration: 0
Test Level: 4.30
Test Level UOM: m

Pump Test Detail ID: 11121650
Test Type: Draw Down
Test Duration: 1
Test Level: 4.00

Test Level UOM: m

Pump Test Detail ID: 11121663
Test Type: Recovery
Test Duration: 1
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121651
Test Type: Draw Down
Test Duration: 2
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121664
Test Type: Recovery
Test Duration: 2
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121652
Test Type: Draw Down
Test Duration: 3
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121665
Test Type: Recovery
Test Duration: 3
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121666
Test Type: Recovery
Test Duration: 4
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121653
Test Type: Draw Down
Test Duration: 4
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121654
Test Type: Draw Down
Test Duration: 5
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121667
Test Type: Recovery
Test Duration: 5
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121668
Test Type: Recovery
Test Duration: 10
Test Level: 4.10
Test Level UOM: m

Pump Test Detail ID: 11121655
Test Type: Draw Down
Test Duration: 10
Test Level: 4.10

Test Level UOM: m

Pump Test Detail ID: 11121669
Test Type: Recovery
Test Duration: 15
Test Level: 4.00
Test Level UOM: m

Pump Test Detail ID: 11121656
Test Type: Draw Down
Test Duration: 15
Test Level: 4.20
Test Level UOM: m

Pump Test Detail ID: 11121657
Test Type: Draw Down
Test Duration: 20
Test Level: 4.20
Test Level UOM: m

Pump Test Detail ID: 11121670
Test Type: Recovery
Test Duration: 20
Test Level: 4.00
Test Level UOM: m

Pump Test Detail ID: 11121671
Test Type: Recovery
Test Duration: 25
Test Level: 4.00
Test Level UOM: m

Pump Test Detail ID: 11121658
Test Type: Draw Down
Test Duration: 25
Test Level: 4.20
Test Level UOM: m

Pump Test Detail ID: 11121778
Test Type: Recovery
Test Duration: 30
Test Level: 4.00
Test Level UOM: m

Pump Test Detail ID: 11121659
Test Type: Draw Down
Test Duration: 30
Test Level: 4.30
Test Level UOM: m

Pump Test Detail ID: 11121779
Test Type: Recovery
Test Duration: 40
Test Level: 4.00
Test Level UOM: m

Pump Test Detail ID: 11121660
Test Type: Draw Down
Test Duration: 40
Test Level: 4.30
Test Level UOM: m

Pump Test Detail ID: 11121661
Test Type: Draw Down
Test Duration: 50
Test Level: 4.30

Test Level UOM:	m
Pump Test Detail ID:	11121780
Test Type:	Recovery
Test Duration:	50
Test Level:	4.00
Test Level UOM:	m
Pump Test Detail ID:	11121781
Test Type:	Recovery
Test Duration:	60
Test Level:	4.00
Test Level UOM:	m
Pump Test Detail ID:	11121662
Test Type:	Draw Down
Test Duration:	60
Test Level:	4.30
Test Level UOM:	m

Water Details

Water ID:	934046254
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	52.70
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11109102
Diameter:	15.24
Depth From:	0.00
Depth To:	54.86
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

14 | ***1 of 1*** | ***NNW/92.9*** | ***99.9 / 0.00*** | ***6659 Franktown Rd Ottawa ON K0A2Z0*** | ***EHS***

Order ID:	545259	***Date Received:***	10-NOV-17
Order No:	20171110157	***Lot/Building Size:***	
Customer ID:	77170	***Municipality:***	
Company ID:	97	***Client Prov/State:***	ON
Status:	C	***Search Radius (km):***	.25
Report Code:	3CAN	***Large Radius:***	.35
Report Type:	Standard Report	***X:***	-75.864803
Report Date:	17-NOV-17	***Y:***	45.178682
Report Requested by:	exp Services Inc.		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

---

15 | ***1 of 1*** | ***NNW/100.9*** | ***99.9 / 0.00*** | ***lot 20 con 4 ON*** | ***WWIS***

Well ID:	1502428	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/21/1949
Sec. Water Use:	0	***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		***Contractor:***	4824
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	020
Well Depth:		***Concession:***	04
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:	10024471	***Spatial Status:***	
DP2BR:	30	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	p9
Elevation:	100.506614	***Org CS:***	
Elevrc:		***Date Completed:***	6/16/1948
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930994491
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	30.00
Formation End Depth UOM:	ft

Formation ID:	930994492
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30.00
Formation End Depth:	60.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502428
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573041
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930041711
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930041712
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.00
Casing Diameter:	4.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991502428
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	3.00
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:	933455212
Layer:	1
Kind Code:	1
Kind:	FRESH

Water Found Depth: 60.00
Water Found Depth UOM: ft

---

16 | **1 of 1** | **N/121.9** | **99.9 / 0.00** | **lot 20 con 4 ON** | **WWIS**

Well ID: 1502429
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: 10/6/1958
Selected Flag: 1
Abandonment Rec:
Contractor: 1301
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 020
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10024472
DP2BR: 9
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 100.52465
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Org CS:
Date Completed: 7/28/1958

Overburden and Bedrock Materials Interval

Formation ID: 930994493
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 9.00
Formation End Depth UOM: ft

Formation ID: 930994494
Layer: 2

Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 9.00
Formation End Depth: 91.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502429
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573042
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041713
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 9.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930041714
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 91.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502429
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 100.00
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:	Y

Water Details

Water ID:	933455213
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	91.00
Water Found Depth UOM:	ft

---

17 ***1 of 1*** ***N/148.7*** ***99.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	610285	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	432251	**Northing::**	5003282
Location Accuracy::		**Orig. Ground Elev m::**	99.1
Elev. Reliability Note::		**DEM Ground Elev m::**	100
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218385176	**Top Depth(m):**	0.0
Bottom Depth(m):	2.7	**Stratum Desc:**	CLAY.
Stratum ID:	218385177	**Top Depth(m):**	2.7
Bottom Depth(m):		**Stratum Desc:**	BEDROCK,LIMESTONE. 025E. 0000060. GREY. 00064STONE. TILL. BROWN,DENSE. 000

---

18 ***1 of 1*** ***WSW/152.4*** ***99.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	610270	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	432031	**Northing::**	5002602
Location Accuracy::		**Orig. Ground Elev m::**	100
Elev. Reliability Note::		**DEM Ground Elev m::**	100
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	7.6
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218385141	**Top Depth(m):**	0.0
Bottom Depth(m):	0.6	**Stratum Desc:**	CLAY.
Stratum ID:	218385142	**Top Depth(m):**	0.6
Bottom Depth(m):	7.9	**Stratum Desc:**	SAND.

Stratum ID:	218385143	**Top Depth(m):**	7.9
Bottom Depth(m):		**Stratum Desc:**	BEDROCK,LIMESTONE. WATER STABLE AT 305.0 FEET.,LIMESTONE. 099 SEISMIC VELOCITY = 17000.

---

19 *1 of 1* *N/154.0* *99.9 / 0.00* *ON* ***BORE***

Borehole ID:	610282	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	432321	**Northing::**	5003222
Location Accuracy::		**Orig. Ground Elev m::**	99.1
Elev. Reliability Note::		**DEM Ground Elev m::**	100
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218385170	**Top Depth(m):**	0.0
Bottom Depth(m):	2.4	**Stratum Desc:**	SILT,CLAY.
Stratum ID:	218385171	**Top Depth(m):**	2.4
Bottom Depth(m):		**Stratum Desc:**	BEDROCK,SANDSTONE. 0010000060. GREY. 00064STONE. TILL. BROWN,DENSE. 00040035

---

20 *1 of 1* *N/167.6* *99.9 / 0.00* *lot 20 con 4 RICHMOND ON* ***WWIS***

Well ID:	7145846	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	6/1/2010
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z108249	**Owner:**	
Tag:	A095968	**Street Name:**	6619 FRANKTOWN RD.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	020
Well Depth:		**Concession:**	04
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:	1002987488	**Spatial Status:**	
DP2BR:		**Cluster Kind:**	
Code OB:		**UTMRC:**	4
Code OB Desc:		**UTMRC Desc:**	margin of error : 30 m - 100 m
Open Hole:		**Location Method:**	wwr
Elevation:	100.107353	**Org CS:**	UTM83

Elevrc: ***Date Completed:*** 3/19/2010
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1003083642
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 22.00
Formation End Depth UOM: ft

Formation ID: 1003083643
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22.00
Formation End Depth: 172.00
Formation End Depth UOM: ft

Formation ID: 1003083644
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 172.00
Formation End Depth: 236.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003083646
Layer: 1
Plug From: 28.00
Plug To: 0.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	1003083679
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1003083640
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003083649
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.00
Depth To:	28.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	1003083650
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	28.00
Depth To:	236.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1003083651
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:	1003083641
Pump Set At:	160.00
Static Level:	6.60
Final Level After Pumping:	6.70
Recommended Pump Depth:	100.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	20.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	3

Water State After Test: OTHER
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003083653
Test Type: Recovery
Test Duration: 1
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083652
Test Type: Draw Down
Test Duration: 1
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083655
Test Type: Recovery
Test Duration: 2
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083654
Test Type: Draw Down
Test Duration: 2
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083656
Test Type: Draw Down
Test Duration: 3
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083657
Test Type: Recovery
Test Duration: 3
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083659
Test Type: Recovery
Test Duration: 4
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083658
Test Type: Draw Down
Test Duration: 4
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083661
Test Type: Recovery
Test Duration: 5
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083660
Test Type: Draw Down
Test Duration: 5

Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083663
Test Type: Recovery
Test Duration: 10
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083662
Test Type: Draw Down
Test Duration: 10
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083665
Test Type: Recovery
Test Duration: 15
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083664
Test Type: Draw Down
Test Duration: 15
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083667
Test Type: Recovery
Test Duration: 20
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083666
Test Type: Draw Down
Test Duration: 20
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083668
Test Type: Draw Down
Test Duration: 25
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083669
Test Type: Recovery
Test Duration: 25
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083671
Test Type: Recovery
Test Duration: 30
Test Level: 6.60
Test Level UOM: ft

Pump Test Detail ID: 1003083670
Test Type: Draw Down
Test Duration: 30
Test Level: 6.70
Test Level UOM: ft

Pump Test Detail ID: 1003083672
Test Type: Draw Down
Test Duration: 40

Test Level:	6.70
Test Level UOM:	ft
Pump Test Detail ID:	1003083673
Test Type:	Recovery
Test Duration:	40
Test Level:	6.60
Test Level UOM:	ft
Pump Test Detail ID:	1003083675
Test Type:	Recovery
Test Duration:	50
Test Level:	6.60
Test Level UOM:	ft
Pump Test Detail ID:	1003083674
Test Type:	Draw Down
Test Duration:	50
Test Level:	6.70
Test Level UOM:	ft
Pump Test Detail ID:	1003083676
Test Type:	Draw Down
Test Duration:	60
Test Level:	6.70
Test Level UOM:	ft
Pump Test Detail ID:	1003083677
Test Type:	Recovery
Test Duration:	60
Test Level:	6.60
Test Level UOM:	ft

Water Details

Water ID:	1003083647
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	227.00
Water Found Depth UOM:	ft
Water ID:	1003083648
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	229.00
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1003083645
Diameter:	6.00
Depth From:	0.00
Depth To:	236.00
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

21	***1 of 1***	***ESE/180.0***	***99.9 / 0.00***	***lot 20 con 3 RICHMOND ON***	***WWIS***

Well ID:	7040907	**Data Entry Status:**	
Construction Date:		**Data Src:**	

Primary Water Use:	Domestic	***Date Received:***	2/12/2007
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1119
Casing Material:		***Form Version:***	3
Audit No:	Z55592	***Owner:***	
Tag:	A052476	***Street Name:***	635 PINESTRAND CR.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	PLAN 4M-1252 S/L 6
Depth to Bedrock:		***Lot:***	020
Well Depth:		***Concession:***	03
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:	11763343	***Spatial Status:***	
DP2BR:	11	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	3
Code OB Desc:	Bedrock	***UTMRC Desc:***	margin of error : 10 - 30 m
Open Hole:		***Location Method:***	wwr
Elevation:	98.349411	***Org CS:***	UTM83
Elevrc:		***Date Completed:***	12/24/2006
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933092119
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	3.35
Formation End Depth UOM:	m

Formation ID:	933092120
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.35

Formation End Depth: 18.59
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933314171
Layer: 1
Plug From: 6.10
Plug To: 3.05
Plug Depth UOM: m

Plug ID: 933314172
Layer: 2
Plug From: 3.05
Plug To: 0.00
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 967040907
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11771033
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930896016
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.00
Depth To: 6.71
Casing Diameter: 15.88
Casing Diameter UOM: cm
Casing Depth UOM: m

Casing ID: 930896017
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 6.10
Depth To: 18.59
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 11777335
Pump Set At: 15.24
Static Level: 0.86
Final Level After Pumping: 1.86
Recommended Pump Depth: 15.24

Pumping Rate:	91.00
Flowing Rate:	
Recommended Pump Rate:	91.00
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	11819559
Test Type:	Recovery
Test Duration:	1
Test Level:	1.34
Test Level UOM:	m

Pump Test Detail ID:	11819558
Test Type:	Draw Down
Test Duration:	1
Test Level:	1.33
Test Level UOM:	m

Pump Test Detail ID:	11819561
Test Type:	Recovery
Test Duration:	2
Test Level:	1.21
Test Level UOM:	m

Pump Test Detail ID:	11819560
Test Type:	Draw Down
Test Duration:	2
Test Level:	1.47
Test Level UOM:	m

Pump Test Detail ID:	11819563
Test Type:	Recovery
Test Duration:	3
Test Level:	1.13
Test Level UOM:	m

Pump Test Detail ID:	11819562
Test Type:	Draw Down
Test Duration:	3
Test Level:	1.52
Test Level UOM:	m

Pump Test Detail ID:	11819564
Test Type:	Draw Down
Test Duration:	4
Test Level:	1.58
Test Level UOM:	m

Pump Test Detail ID:	11819565
Test Type:	Recovery
Test Duration:	4
Test Level:	1.09
Test Level UOM:	m

Pump Test Detail ID:	11819567
Test Type:	Recovery
Test Duration:	5

Test Level: 1.06
Test Level UOM: m

Pump Test Detail ID: 11819566
Test Type: Draw Down
Test Duration: 5
Test Level: 1.60
Test Level UOM: m

Pump Test Detail ID: 11819954
Test Type: Recovery
Test Duration: 10
Test Level: 0.97
Test Level UOM: m

Pump Test Detail ID: 11819568
Test Type: Draw Down
Test Duration: 10
Test Level: 1.70
Test Level UOM: m

Pump Test Detail ID: 11819955
Test Type: Draw Down
Test Duration: 15
Test Level: 1.74
Test Level UOM: m

Pump Test Detail ID: 11819956
Test Type: Recovery
Test Duration: 15
Test Level: 0.90
Test Level UOM: m

Pump Test Detail ID: 11819957
Test Type: Draw Down
Test Duration: 20
Test Level: 1.78
Test Level UOM: m

Pump Test Detail ID: 11819958
Test Type: Draw Down
Test Duration: 25
Test Level: 1.79
Test Level UOM: m

Pump Test Detail ID: 11819959
Test Type: Draw Down
Test Duration: 30
Test Level: 1.80
Test Level UOM: m

Pump Test Detail ID: 11819960
Test Type: Draw Down
Test Duration: 40
Test Level: 1.80
Test Level UOM: m

Pump Test Detail ID: 11819961
Test Type: Draw Down
Test Duration: 50
Test Level: 1.83
Test Level UOM: m

Pump Test Detail ID: 11819962
Test Type: Draw Down
Test Duration: 60

Test Level: 1.86
Test Level UOM: m

Water Details

Water ID: 934084179
Layer: 1
Kind Code:
Kind:
Water Found Depth: 8.53
Water Found Depth UOM: m

Water ID: 934084180
Layer: 2
Kind Code:
Kind:
Water Found Depth: 11.58
Water Found Depth UOM: m

Water ID: 934084181
Layer: 3
Kind Code:
Kind:
Water Found Depth: 15.85
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11849518
Diameter: 14.91
Depth From: 0.00
Depth To: 18.59
Hole Depth UOM: m
Hole Diameter UOM: cm

---

22 ***1 of 2*** ***WSW/193.6*** ***99.9 / 0.00*** ***ON*** ***BORE***

Borehole ID: 610268
Use:
Drill Method::
Easting:: 432011
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 18.3
Township::
Lot::
Completion Date:: JAN-1962
Primary Water Use::

Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5002562
Orig. Ground Elev m:: 100
DEM Ground Elev m:: 100
Primary Name::
Concession::
Municipality:
Static Water Level:: 3
Sec. Water Use::

--Details--
Stratum ID: 218385138
Bottom Depth(m): 0.6
Top Depth(m): 0.0
Stratum Desc: CLAY.

Stratum ID: 218385139
Bottom Depth(m): 7.9
Top Depth(m): 0.6
Stratum Desc: SAND.

Stratum ID: 218385140
Bottom Depth(m): 18.3
Top Depth(m): 7.9
Stratum Desc: LIMESTONE. GREY. 00060AT 320.0 FEET..K,LIMESTONE. 099 SEISMIC VELOCITY = 17000.

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	2 of 2	WSW/193.6	99.9 / 0.00	lot 19 con 3 ON	WWIS

Well ID: 1502408
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
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: 1/16/1962
Selected Flag: 1
Abandonment Rec:
Contractor: 1301
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 019
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10024451
DP2BR: 26
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation: 100.38356
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Org CS:
Date Completed: 1/10/1962

Overburden and Bedrock Materials Interval

Formation ID: 930994446
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 2.00
Formation End Depth UOM: ft

Formation ID: 930994447
Layer: 2
Color:
General Color:
Mat1: 09

Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2.00
Formation End Depth: 26.00
Formation End Depth UOM: ft

Formation ID: 930994448
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502408
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573021
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041671
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930041672
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.00
Casing Diameter: 5.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991502408
Pump Set At:	
Static Level:	8.00
Final Level After Pumping:	10.00
Recommended Pump Depth:	20.00
Pumping Rate:	8.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	933455191
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.00
Water Found Depth UOM:	ft

23 ***1 of 1*** ***W/213.9*** ***99.9 / 0.00*** ***lot 18 con 3 ON*** ***WWIS***

Well ID:	1523647	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/4/1989
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:	49922	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	018
Well Depth:		**Concession:**	03
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:	10045421	**Spatial Status:**	
DP2BR:	50	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	gis
Elevation:	101.117897	**Org CS:**	
Elevrc:		**Date Completed:**	4/10/1989
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931055339
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	50.00
Formation End Depth UOM:	ft

Formation ID:	931055340
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	50.00
Formation End Depth:	75.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961523647
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10593991
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930079470
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	53.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930079471
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75.00
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523647
Pump Set At:	
Static Level:	6.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	30.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	10.00
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:	934105586
Test Type:	
Test Duration:	15
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934390232
Test Type:	
Test Duration:	30
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934650791
Test Type:	
Test Duration:	45
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934908416
Test Type:	
Test Duration:	60
Test Level:	30.00
Test Level UOM:	ft

Water Details

Water ID:	933481991
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69.00
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	N/243.6	99.9 / 0.00	lot 20 con 4 ON	WWIS

Well ID:	1502430	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4824
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GOULBOURN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	020
Well Depth:		**Concession:**	04
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:	10024473	**Spatial Status:**	
DP2BR:	17	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	5
Code OB Desc:	Bedrock	**UTMRC Desc:**	margin of error : 100 m - 300 m
Open Hole:		**Location Method:**	p5
Elevation:	100.164924	**Org CS:**	
Elevrc:		**Date Completed:**	11/24/1960
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930994495
Layer:	1
Color:	7
General Color:	RED
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	17.00
Formation End Depth UOM:	ft

Formation ID:	930994496
Layer:	2
Color:	2
General Color:	GREY

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 17.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961502430
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10573043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930041715
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 17.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930041716
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.00
Casing Diameter: 4.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991502430
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 20.00
Recommended Pump Depth: 20.00
Pumping Rate: 1.00
Flowing Rate:
Recommended Pump Rate: 5.00
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:	933455214
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.00
Water Found Depth UOM:	ft

Unplottable Summary

Total: 45 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 19 Con 3	Rideau ON	
AAGR		Lot 20 Con 3	Osgoode ON	
CA	Findlay Creek Properties Ltd. and 1374537 Ontario Limited	Lot 19, Concession 4 (RF)	Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited	Lot Part 18 & 19, Conc. 4	Ottawa ON	
LIMO	The Corporation of the City of Ottawa	Lot 19-20, Concession 3	City of Ottawa ON	
SPL		TAYLOR DRAIN, LOTS 14 TO 20, CONC 4 \	RIDEAU TOWNSHIP ON	
SPL	TRANSCANADA PIPELINES	LOT 19, CONC. 3 MOTOR VEHICLE (OPERATING FLUID)	GOULBOURN TOWNSHIP ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		con 3	ON	
WWIS		lot 20	ON	

WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 20	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	lot 19	ON

WWIS	lot 19	ON
WWIS	lot 19	ON
WWIS	con 4	ON
WWIS	con 3	ON

Unplottable Report

Site:
Lot 19 Con 3 Rideau ON

Database: AAGR

Type:	Pit
Region/County:	Ottawa-Carleton
Township:	Rideau
Concession::	3
Lot::	19
Size (ha)::	0.09
Landuse::	
Comments::	

Site:
Lot 20 Con 3 Osgoode ON

Database: AAGR

Type:	Pit
Region/County:	Ottawa-Carleton
Township:	Osgoode
Concession::	3
Lot::	20
Size (ha)::	1.2
Landuse::	
Comments::	

Site: ***Findlay Creek Properties Ltd. and 1374537 Ontario Limited***
Lot 19, Concession 4 (RF) Ottawa ON

Database: CA

Certificate #:	7588-664KZR
Application Year:	2004
Issue Date:	10/27/2004
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: ***DCR/Phoenix Development Corporation Limited***
Lot Part 18 & 19, Conc. 4 Ottawa ON

Database: CA

Certificate #:	5643-8BGJZQ
Application Year:	2010
Issue Date:	12/6/2010
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: ***The Corporation of the City of Ottawa***
Lot 19-20, Concession 3 City of Ottawa ON

Database: ***LIMO***

C of A No:	A460703	***Site County:***	Ottawa
C of A Issue Date:	8/6/1971	***MOE Region:***	Eastern
C of A Issued to:		***MOE District:***	Ottawa
Operation Status:	Closed	***Easting:***	
Landfill Type:		***Northing:***	
Total Site Area:		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprvd Capac:		***UTM Zone:***	
Tot Aprv Cp Unit:		***Data Source:***	small landfills
Fill Rate:		***Cntm Attn Zn:***	
Fill Rate Unit:		***Grndwtr Mntr:***	
Est Remain Cap:		***Surf Wtr Mntr:***	
ERC Volume Unit:		***Lst Rprting Yr:***	
ERC Methodology:		***Fin Assrnce:***	
ERC Dt Last Det:		***Nat Attnuatn:***	
Total Waste Rec:		***Liners:***	
TWR Unit:		***Cvr Material:***	
TWR Methodology:			
Site Name:	Ridge Road Landfill		
Air Emmis Monitor:			
Leachate Off-Site:			
Leachate On Site:			
Landfill Gas Manag (P):			
Landfill Gas Manag (F):			
Landfill Gas Manag (E):			
Req Col Lndfll Gas:			
Lndfll Gas Cllcted:			
Lndfll Gas Mntr:			
Service Area:			
Approved Waste Type:			

Site:
TAYLOR DRAIN, LOTS 14 TO 20, CONC 4 \ RIDEAU TOWNSHIP ON

Database: ***SPL***

Ref No:	160716	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	//	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:		***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:		***Site Municipality:***	20612
Nature of Impact:		***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	10/1/1998	***Site Map Datum:***	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:			
Incident Summary:			

Site: ***TRANSCANADA PIPELINES***
LOT 19, CONC. 3 MOTOR VEHICLE (OPERATING FLUID) GOULBOURN TOWNSHIP ON

Database: ***SPL***

Ref No:	74850	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/17/1992	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20604
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	8/17/1992	***Site Map Datum:***	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	CORROSION		
Incident Summary:	TRANSCANADA PIPELINES: 40L DIESEL FUEL LEAK FROMTRUCK HOSE		

Site:
con 3 ON

Database: ***WWIS***

Well ID:	1526050	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/20/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6019
Casing Material:		***Form Version:***	1
Audit No:	84010	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	03
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:	10047785	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/11/1991
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931063066
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 84
Other Materials: SILTY
Mat3: 02
Other Materials: TOPSOIL
Formation Top Depth: 0.00
Formation End Depth: 26.00
Formation End Depth UOM: ft

Formation ID: 931063067
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 84
Other Materials: SILTY
Mat3:
Other Materials:
Formation Top Depth: 26.00
Formation End Depth: 29.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111504
Layer: 1
Plug From: 14.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526050
Method Construction Code: 8
Method Construction: Jetting
Other Method Construction:

Pipe Information

Pipe ID: 10596355
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083655
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:

Depth To:	29.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326391
Layer:	1
Slot:	016
Screen Top Depth:	26.00
Screen End Depth:	29.00
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Results of Well Yield Testing

Pump Test ID:	991526050
Pump Set At:	
Static Level:	19.00
Final Level After Pumping:	22.00
Recommended Pump Depth:	
Pumping Rate:	37.00
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:	933485227
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	26.00
Water Found Depth UOM:	ft

Site:
con 3 ON

Database:
WWIS

Well ID:	1526046	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/20/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6019
Casing Material:		***Form Version:***	1
Audit No:	84014	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	CON
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: 10047781
DP2BR:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/11/1991

Overburden and Bedrock Materials Interval

Formation ID: 931063060
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 84
Other Materials: SILTY
Mat3: 28
Other Materials: SAND
Formation Top Depth: 0.00
Formation End Depth: 27.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111500
Layer: 1
Plug From: 18.00
Plug To: 25.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526046
Method Construction Code: 8
Method Construction: Jetting
Other Method Construction:

Pipe Information

Pipe ID: 10596351
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083651

Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 27.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326387
Layer: 1
Slot: 016
Screen Top Depth: 24.00
Screen End Depth: 27.00
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Results of Well Yield Testing

Pump Test ID: 991526046
Pump Set At:
Static Level: 23.00
Final Level After Pumping: 24.00
Recommended Pump Depth:
Pumping Rate: 7.00
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: 933485223
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.00
Water Found Depth UOM: ft

Site:
con 3 ON

Database: ***WWIS***

Well ID: 1526047
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 84013
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 1/20/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 6019
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot:
Concession: 03

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

Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047782
DP2BR:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/11/1990

Overburden and Bedrock Materials Interval

Formation ID: 931063061
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 06
Other Materials: SILT
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111501
Layer: 1
Plug From: 20.00
Plug To: 26.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526047
Method Construction Code: 8
Method Construction: Jetting
Other Method Construction:

Pipe Information

Pipe ID: 10596352
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930083652
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326388
Layer:	1
Slot:	016
Screen Top Depth:	25.00
Screen End Depth:	28.00
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Results of Well Yield Testing

Pump Test ID:	991526047
Pump Set At:	
Static Level:	23.00
Final Level After Pumping:	24.00
Recommended Pump Depth:	
Pumping Rate:	37.00
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:	933485224
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	24.00
Water Found Depth UOM:	ft

Site:
con 3 ON

Database:
WWIS

Well ID:	1529038	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/13/1996
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	171230	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON

Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Municipality: OSGOODE TOWNSHIP
Site Info:
Lot:
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050574
DP2BR: 9
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 7/22/1996

Overburden and Bedrock Materials Interval

Formation ID: 931071551
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.00
Formation End Depth UOM: ft

Formation ID: 931071552
Layer: 2
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 4.00
Formation End Depth: 9.00
Formation End Depth UOM: ft

Formation ID: 931071553
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 11
Other Materials: GRAVEL

Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 9.00
Formation End Depth: 14.00
Formation End Depth UOM: ft

Formation ID: 931071554
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: 14.00
Formation End Depth: 75.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114049
Layer: 1
Plug From: 0.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529038
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10599144
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088390
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930088391
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991529038
Pump Set At:	
Static Level:	8.00
Final Level After Pumping:	30.00
Recommended Pump Depth:	50.00
Pumping Rate:	20.00
Flowing Rate:	
Recommended Pump Rate:	5.00
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:	934114962
Test Type:	Draw Down
Test Duration:	15
Test Level:	70.00
Test Level UOM:	ft

Pump Test Detail ID:	934389505
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.00
Test Level UOM:	ft

Pump Test Detail ID:	934659654
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.00
Test Level UOM:	ft

Pump Test Detail ID:	934907626
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.00
Test Level UOM:	ft

Water Details

Water ID:	933488974
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	58.00
Water Found Depth UOM:	ft

Site:
con 3 ON

Database:
WWIS

Well ID:	1528043	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/14/1994
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4877
Casing Material:		***Form Version:***	1
Audit No:	142089	***Owner:***	

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:

Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot:
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049583
DP2BR: 2
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 6/9/1994

Overburden and Bedrock Materials Interval

Formation ID: 931068358
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0.00
Formation End Depth: 2.00
Formation End Depth UOM: ft

Formation ID: 931068359
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 2.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931068360
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE

Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 92.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112883
Layer: 1
Plug From: 0.00
Plug To: 21.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528043
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598153
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086651
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 21.00
Casing Diameter: 10.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086652
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086653
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 92.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528043
Pump Set At:
Static Level: 18.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 80.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 8.00
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: 934112329
Test Type: Recovery
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934387138
Test Type: Recovery
Test Duration: 30
Test Level: 18.00
Test Level UOM: ft

Pump Test Detail ID: 934656466
Test Type: Recovery
Test Duration: 45
Test Level: 18.00
Test Level UOM: ft

Pump Test Detail ID: 934904837
Test Type: Recovery
Test Duration: 60
Test Level: 18.00
Test Level UOM: ft

Water Details

Water ID: 933487622
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 9.00
Water Found Depth UOM: ft

Water ID: 933487623
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.00
Water Found Depth UOM: ft

Water ID: 933487624
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 83.00
Water Found Depth UOM: ft

Site:

con 3 ON

Database:
WWIS

Well ID:	1528042	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/14/1994
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4877
Casing Material:		***Form Version:***	1
Audit No:	142105	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	03
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:	10049582	***Spatial Status:***	
DP2BR:	1	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/10/1994
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068355
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	1.00
Formation End Depth UOM:	ft

Formation ID:	931068356
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD

Mat3:
Other Materials:
Formation Top Depth: 1.00
Formation End Depth: 147.00
Formation End Depth UOM: ft

Formation ID: 931068357
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 147.00
Formation End Depth: 161.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112882
Layer: 1
Plug From: 0.00
Plug To: 21.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528042
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598152
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086648
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 21.00
Casing Diameter: 10.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086649
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086650
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 161.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528042
Pump Set At:
Static Level: 30.00
Final Level After Pumping: 145.00
Recommended Pump Depth: 150.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 6.00
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: 934112328
Test Type: Recovery
Test Duration: 15
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934387137
Test Type: Recovery
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934656465
Test Type: Recovery
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934904836
Test Type: Recovery
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933487620
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 134.00
Water Found Depth UOM: ft

Water ID: 933487621

Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 151.00
Water Found Depth UOM: ft

Site:
con 3 ON

Database:
WWIS

Well ID: 1526049
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 84007
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: 1/20/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 6019
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot:
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047784
DP2BR:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/11/1991

Overburden and Bedrock Materials Interval

Formation ID: 931063064
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 08
Other Materials: FINE SAND
Formation Top Depth: 0.00
Formation End Depth: 32.00
Formation End Depth UOM: ft

Formation ID: 931063065
Layer: 2

Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 06
Other Materials: SILT
Mat3:
Other Materials:
Formation Top Depth: 32.00
Formation End Depth: 35.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111503
Layer: 1
Plug From: 15.00
Plug To: 21.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526049
Method Construction Code: 8
Method Construction: Jetting
Other Method Construction:

Pipe Information

Pipe ID: 10596354
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083654
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 35.00
Casing Diameter: 2.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326390
Layer: 1
Slot: 016
Screen Top Depth: 32.00
Screen End Depth: 35.00
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.00

Results of Well Yield Testing

Pump Test ID: 991526049
Pump Set At:

Static Level:	19.00
Final Level After Pumping:	22.00
Recommended Pump Depth:	
Pumping Rate:	7.00
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:	933485226
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32.00
Water Found Depth UOM:	ft

Site:
con 3 ON

Database:
WWIS

Well ID:	1526048	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/20/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6019
Casing Material:		***Form Version:***	1
Audit No:	84008	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	03
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:	10047783	***Spatial Status:***	
DP2BR:		***Cluster Kind:***	
Code OB:	o	***UTMRC:***	9
Code OB Desc:	Overburden	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/11/1991
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931063062
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	08
Other Materials:	FINE SAND
Mat3:	84
Other Materials:	SILTY
Formation Top Depth:	0.00
Formation End Depth:	26.00
Formation End Depth UOM:	ft

Formation ID:	931063063
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	84
Other Materials:	SILTY
Mat3:	
Other Materials:	
Formation Top Depth:	26.00
Formation End Depth:	28.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111502
Layer:	1
Plug From:	15.00
Plug To:	22.00
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961526048
Method Construction Code:	8
Method Construction:	Jetting
Other Method Construction:	

Pipe Information

Pipe ID:	10596353
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930083653
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28.00
Casing Diameter:	2.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326389
Layer:	1
Slot:	016
Screen Top Depth:	25.00
Screen End Depth:	28.00
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.00

Results of Well Yield Testing

Pump Test ID:	991526048
Pump Set At:	
Static Level:	8.00
Final Level After Pumping:	22.00
Recommended Pump Depth:	
Pumping Rate:	37.00
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:	933485225
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	26.00
Water Found Depth UOM:	ft

Site:

con 3 ON

Database:
WWIS

Well ID:	1521473	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/9/1987
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	04634	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	03
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:	10043295	***Spatial Status:***	
DP2BR:	17	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/3/1987
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931048172
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	8.00
Formation End Depth UOM:	ft

Formation ID:	931048173
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	8.00
Formation End Depth:	17.00
Formation End Depth UOM:	ft

Formation ID:	931048174
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:	17.00
Formation End Depth:	135.00
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521473
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591865
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075609
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930075610
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 25.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930075611
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 135.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521473
Pump Set At:
Static Level: 7.00
Final Level After Pumping: 12.00
Recommended Pump Depth: 70.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 934106539
Test Type: Draw Down

Test Duration: 15
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934390639
Test Type: Draw Down
Test Duration: 30
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934651783
Test Type: Draw Down
Test Duration: 45
Test Level: 12.00
Test Level UOM: ft

Pump Test Detail ID: 934908874
Test Type: Draw Down
Test Duration: 60
Test Level: 12.00
Test Level UOM: ft

Water Details

Water ID: 933479049
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.00
Water Found Depth UOM: ft

Water ID: 933479050
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 131.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1518685
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
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: 11/1/1983
Selected Flag: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040555
DP2BR: 34

Spatial Status:
Cluster Kind:

Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 10/14/1983

Overburden and Bedrock Materials Interval

Formation ID: 931039209
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931039210
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 19.00
Formation End Depth UOM: ft

Formation ID: 931039211
Layer: 3
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 19.00
Formation End Depth: 34.00
Formation End Depth UOM: ft

Formation ID: 931039212
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 34.00
Formation End Depth: 55.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518685
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10589125
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070803
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518685
Pump Set At:
Static Level: 16.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 50.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 934103997
Test Type: Draw Down
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934380002
Test Type: Draw Down
Test Duration: 30
Test Level: 25.00
Test Level UOM: ft

Pump Test Detail ID: 934649983

Test Type: Draw Down
Test Duration: 45
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934899522
Test Type: Draw Down
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933475459
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1534087
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 257445
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: 9/30/2003
Selected Flag: 1
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543202
DP2BR: 4
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/18/2003

Overburden and Bedrock Materials Interval

Formation ID: 932925016
Layer: 1

Color: 6
General Color: BROWN
Mat1: 34
Most Common Material: TILL
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.00
Formation End Depth UOM: ft

Formation ID: 932925017
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 4.00
Formation End Depth: 182.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240974
Layer: 1
Plug From: 0.00
Plug To: 38.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961534087
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11091772
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930098243
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930098244
Layer: 2
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930098245
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991534087
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth: 170.00
Pumping Rate: 4.00
Flowing Rate:
Recommended Pump Rate: 4.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 934037006
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 170.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database: ***WWIS***

Well ID: 1533899
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 257266
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 7/25/2003
Selected Flag: 1
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543014
DP2BR: 8
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 7/4/2003

Overburden and Bedrock Materials Interval

Formation ID: 932924538
Layer: 1
Color: 6
General Color: BROWN
Mat1: 34
Most Common Material: TILL
Mat2: 13
Other Materials: BOULDERS
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 0.00
Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 932924539
Layer: 2
Color: 2
General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2: 13
Other Materials: BOULDERS
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 6.00
Formation End Depth: 8.00
Formation End Depth UOM: ft

Formation ID: 932924540
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 8.00
Formation End Depth: 120.00
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933240796
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533899
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11091584
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097823
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930097824
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930097825
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533899
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 120.00
Recommended Pump Depth: 110.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 8.00

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: 934113032
Test Type: Recovery
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934396646
Test Type: Recovery
Test Duration: 30
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934656606
Test Type: Recovery
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934914053
Test Type: Recovery
Test Duration: 60
Test Level: 25.00
Test Level UOM: ft

Water Details

Water ID: 934036722
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 110.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1522545
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25153
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src: 1
Date Received: 8/8/1988
Selected Flag: 1
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10044357	***Spatial Status:***	
DP2BR:	2	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/6/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931051813
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.00
Formation End Depth:	2.00
Formation End Depth UOM:	ft

Formation ID:	931051814
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	2.00
Formation End Depth:	59.00
Formation End Depth UOM:	ft

Formation ID:	931051815
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	85
Other Materials:	SOFT
Mat3:	80
Other Materials:	POROUS
Formation Top Depth:	59.00
Formation End Depth:	79.00
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109935
Layer: 1
Plug From: 0.00
Plug To: 40.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522545
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10592927
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077574
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522545
Pump Set At:
Static Level: 0.00
Final Level After Pumping: 0.00
Recommended Pump Depth: 65.00
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 12.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934110462
Test Type: Draw Down
Test Duration: 15
Test Level: 0.00
Test Level UOM: ft

Pump Test Detail ID: 934386307
Test Type: Draw Down
Test Duration: 30
Test Level: 0.00

Test Level UOM: ft

Pump Test Detail ID: 934655682
Test Type: Draw Down
Test Duration: 45
Test Level: 0.00
Test Level UOM: ft

Pump Test Detail ID: 934904506
Test Type: Draw Down
Test Duration: 60
Test Level: 0.00
Test Level UOM: ft

Water Details

Water ID: 933480479
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 54.00
Water Found Depth UOM: ft

Water ID: 933480480
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 67.00
Water Found Depth UOM: ft

Water ID: 933480481
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database: ***WWIS***

Well ID: 1524942
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56413
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: 9/17/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046685
DP2BR: 31
Code OB: r

Spatial Status:
Cluster Kind:
UTMRC: 9

Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 3/9/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059569
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 31.00
Formation End Depth UOM: ft

Formation ID: 931059570
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 31.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524942
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595255
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081755
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To: 35.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081756
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524942
Pump Set At:
Static Level: 7.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934110540
Test Type:
Test Duration: 15
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934385948
Test Type:
Test Duration: 30
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934655729
Test Type:
Test Duration: 45
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934904104
Test Type:
Test Duration: 60
Test Level: 50.00
Test Level UOM: ft

Water Details

Water ID: 933483723
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 54.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1526781
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 123374
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: 12/3/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048472
DP2BR: 0
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 8/25/1992

Overburden and Bedrock Materials Interval

Formation ID: 931065155
Layer: 1
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2: 01
Other Materials: FILL
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931065156
Layer: 2
Color: 2
General Color: GREY
Mat1: 15

Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3: 73
Other Materials: HARD
Formation Top Depth: 5.00
Formation End Depth: 95.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111949
Layer: 1
Plug From: 4.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526781
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10597042
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084886
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526781
Pump Set At:
Static Level: 27.00
Final Level After Pumping: 64.00
Recommended Pump Depth: 89.00
Pumping Rate: 9.00
Flowing Rate:
Recommended Pump Rate: 9.00
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:	934108950
Test Type:	Recovery
Test Duration:	15
Test Level:	56.00
Test Level UOM:	ft

Pump Test Detail ID:	934392164
Test Type:	Recovery
Test Duration:	30
Test Level:	37.00
Test Level UOM:	ft

Pump Test Detail ID:	934653097
Test Type:	Recovery
Test Duration:	45
Test Level:	29.00
Test Level UOM:	ft

Pump Test Detail ID:	934910293
Test Type:	Recovery
Test Duration:	60
Test Level:	27.00
Test Level UOM:	ft

Water Details

Water ID:	933486209
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.00
Water Found Depth UOM:	ft

Water ID:	933486210
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.00
Water Found Depth UOM:	ft

Site:
lot 20 ON

Database:
WWIS

Well ID:	1526787	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/3/1992
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	128350	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	020
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:	10048477	***Spatial Status:***	
DP2BR:	35	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	10/6/1992
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931065165
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Other Materials:	LOOSE
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0.00
Formation End Depth:	7.00
Formation End Depth UOM:	ft

Formation ID:	931065166
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	7.00
Formation End Depth:	33.00
Formation End Depth UOM:	ft

Formation ID:	931065167
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	33.00
Formation End Depth:	35.00
Formation End Depth UOM:	ft

Formation ID:	931065168
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 35.00
Formation End Depth: 55.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111954
Layer: 1
Plug From: 6.00
Plug To: 37.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526787
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597047
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084891
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526787
Pump Set At:
Static Level: 18.00
Final Level After Pumping: 39.00
Recommended Pump Depth: 48.00
Pumping Rate: 10.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 934108955
Test Type: Recovery
Test Duration: 15
Test Level: 21.00
Test Level UOM: ft

Pump Test Detail ID: 934392169
Test Type: Recovery
Test Duration: 30
Test Level: 18.00
Test Level UOM: ft

Pump Test Detail ID: 934653102
Test Type: Recovery
Test Duration: 45
Test Level: 18.00
Test Level UOM: ft

Pump Test Detail ID: 934910294
Test Type: Recovery
Test Duration: 60
Test Level: 18.00
Test Level UOM: ft

Water Details

Water ID: 933486215
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1527840
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 120104
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: 4/13/1994
Selected Flag: 1
Abandonment Rec:
Contractor: 6629
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049426
DP2BR: 32
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:

Elevrc: ***Date Completed:*** 10/27/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931067850
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 85
Other Materials: SOFT
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0.00
Formation End Depth: 5.00
Formation End Depth UOM: ft

Formation ID: 931067851
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 5.00
Formation End Depth: 32.00
Formation End Depth UOM: ft

Formation ID: 931067852
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 32.00
Formation End Depth: 178.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112754
Layer: 1
Plug From: 0.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527840
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597996
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086347
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086348
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 178.00
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527840
Pump Set At:
Static Level: 32.00
Final Level After Pumping:
Recommended Pump Depth: 160.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 20.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934111774
Test Type: Recovery
Test Duration: 15
Test Level: 135.00
Test Level UOM: ft

Pump Test Detail ID: 934386583
Test Type: Recovery
Test Duration: 30
Test Level: 100.00

Test Level UOM: ft

Pump Test Detail ID: 934655912
Test Type: Recovery
Test Duration: 45
Test Level: 71.00
Test Level UOM: ft

Pump Test Detail ID: 934904283
Test Type: Recovery
Test Duration: 60
Test Level: 32.00
Test Level UOM: ft

Water Details

Water ID: 933487391
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120.00
Water Found Depth UOM: ft

Water ID: 933487392
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1531374
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220233
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: 9/7/2000
Selected Flag: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052908
DP2BR: 14
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 8/30/2000

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

Overburden and Bedrock Materials Interval

Formation ID: 931078306
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 05
Other Materials: CLAY
Mat3: 81
Other Materials: SANDY
Formation Top Depth: 0.00
Formation End Depth: 14.00
Formation End Depth UOM: ft

Formation ID: 931078307
Layer: 2
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 14.00
Formation End Depth: 78.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116540
Layer: 1
Plug From: 0.00
Plug To: 27.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531374
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601478
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092563
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531374
Pump Set At:
Static Level: 22.00
Final Level After Pumping: 55.00
Recommended Pump Depth: 70.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 8.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934113538
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934396042
Test Type:
Test Duration: 30
Test Level: 47.00
Test Level UOM: ft

Pump Test Detail ID: 934657533
Test Type:
Test Duration: 45
Test Level: 55.00
Test Level UOM: ft

Pump Test Detail ID: 934914425
Test Type:
Test Duration: 60
Test Level: 55.00
Test Level UOM: ft

Water Details

Water ID: 933491813
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.00
Water Found Depth UOM: ft

Water ID: 933491814
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.00

Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1528846
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 167352
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: 1/29/1996
Selected Flag: 1
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050382
DP2BR: 0
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 12/14/1995

Overburden and Bedrock Materials Interval

Formation ID: 931070991
Layer: 1
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2: 02
Other Materials: TOPSOIL
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0.00
Formation End Depth: 3.00
Formation End Depth UOM: ft

Formation ID: 931070992
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE

Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 3.00
Formation End Depth: 205.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113804
Layer: 1
Plug From: 4.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528846
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598952
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088058
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930088059
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 205.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528846
Pump Set At:
Static Level: 24.00
Final Level After Pumping: 83.00
Recommended Pump Depth: 180.00
Pumping Rate: 35.00
Flowing Rate:
Recommended Pump Rate: 25.00
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: 934105736
Test Type: Recovery
Test Duration: 15
Test Level: 47.00
Test Level UOM: ft

Pump Test Detail ID: 934388942
Test Type: Recovery
Test Duration: 30
Test Level: 32.00
Test Level UOM: ft

Pump Test Detail ID: 934658536
Test Type: Recovery
Test Duration: 45
Test Level: 28.00
Test Level UOM: ft

Pump Test Detail ID: 934907061
Test Type: Recovery
Test Duration: 60
Test Level: 25.00
Test Level UOM: ft

Water Details

Water ID: 933488712
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 164.00
Water Found Depth UOM: ft

Water ID: 933488713
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 202.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1525658
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 098151
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 10/8/1991
Selected Flag: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020

Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047393
DP2BR: 57
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/18/1991

Overburden and Bedrock Materials Interval

Formation ID: 931061946
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 57.00
Formation End Depth UOM: ft

Formation ID: 931061947
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 57.00
Formation End Depth: 62.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111345
Layer: 1
Plug From: 2.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525658
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595963
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082964
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525658
Pump Set At:
Static Level: 15.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 45.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 8.00
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: 934105033
Test Type:
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934388692
Test Type:
Test Duration: 30
Test Level: 27.00
Test Level UOM: ft

Pump Test Detail ID: 934649230
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934906410
Test Type:
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933484708
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1523082
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25477
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: 12/14/1988
Selected Flag: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044888
DP2BR: 32
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 11/22/1988

Overburden and Bedrock Materials Interval

Formation ID: 931053483
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY

Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 7.00
Formation End Depth UOM: ft

Formation ID: 931053484
Layer: 2
Color: 6
General Color: BROWN
Mat1: 12
Most Common Material: STONES
Mat2: 28
Other Materials: SAND
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 7.00
Formation End Depth: 32.00
Formation End Depth UOM: ft

Formation ID: 931053485
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 32.00
Formation End Depth: 38.00
Formation End Depth UOM: ft

Formation ID: 931053486
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110099
Layer: 1
Plug From: 4.00
Plug To: 34.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523082
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID:	10593458
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930078520
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34.00
Casing Diameter:	18.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523082
Pump Set At:	
Static Level:	16.00
Final Level After Pumping:	40.00
Recommended Pump Depth:	40.00
Pumping Rate:	30.00
Flowing Rate:	
Recommended Pump Rate:	12.00
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934112656
Test Type:	
Test Duration:	15
Test Level:	30.00
Test Level UOM:	ft

Pump Test Detail ID:	934388074
Test Type:	
Test Duration:	30
Test Level:	35.00
Test Level UOM:	ft

Pump Test Detail ID:	934649056
Test Type:	
Test Duration:	45
Test Level:	40.00
Test Level UOM:	ft

Pump Test Detail ID:	934906260
Test Type:	
Test Duration:	60
Test Level:	40.00
Test Level UOM:	ft

Water Details

Water ID: 933481211
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.00
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1518767
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
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: 1/10/1984
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040637
DP2BR: 74
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 11/15/1983

Overburden and Bedrock Materials Interval

Formation ID: 931039492
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 931039493
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6.00
Formation End Depth: 39.00
Formation End Depth UOM: ft

Formation ID: 931039494
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 39.00
Formation End Depth: 74.00
Formation End Depth UOM: ft

Formation ID: 931039495
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 74.00
Formation End Depth: 115.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518767
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589207
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070948
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 76.00
Casing Diameter: 6.00

Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930070949
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 115.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518767
Pump Set At:
Static Level: 8.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 50.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934103243
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934380501
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934650484
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934900021
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933475564
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 110.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database:
WWIS

Well ID:	1522730	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/26/1988
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	27084	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	019
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:	10044540	***Spatial Status:***	
DP2BR:	10	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	8/19/1988
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931052415
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	10.00
Formation End Depth UOM:	ft

Formation ID:	931052416
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 82.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522730
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593110
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077889
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930077890
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 82.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522730
Pump Set At:
Static Level: 0.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 30.00
Pumping Rate: 25.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934111475
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934386898
Test Type:
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934656274
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934905091
Test Type:
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933480732
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.00
Water Found Depth UOM: ft

Water ID: 933480733
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 80.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database: ***WWIS***

Well ID: 1524207
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 56433
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: 1/26/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045979
DP2BR: 26
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 9/25/1989

Overburden and Bedrock Materials Interval

Formation ID: 931057171
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 14
Other Materials: HARDPAN
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.00
Formation End Depth: 26.00
Formation End Depth UOM: ft

Formation ID: 931057172
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524207
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10594549
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080510
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930080511
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524207
Pump Set At:
Static Level: 7.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00
Pumping Rate: 30.00
Flowing Rate:
Recommended Pump Rate: 15.00
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: 934107788
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934392017
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934652987
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934910187
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933482770

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.00
Water Found Depth UOM:	ft

Site:
lot 19 ON

Database:
WWIS

Well ID:	1524953	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/17/1990
Sec. Water Use:		**Selected Flag:**	1
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:	68450	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	019
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:	10046696	**Spatial Status:**	
DP2BR:	26	**Cluster Kind:**	
Code OB:	r	**UTMRC:**	9
Code OB Desc:	Bedrock	**UTMRC Desc:**	unknown UTM
Open Hole:		**Location Method:**	na
Elevation:		**Org CS:**	
Elevrc:		**Date Completed:**	8/17/1990
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931059596
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	26.00
Formation End Depth UOM:	ft

Formation ID:	931059597
Layer:	2

Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26.00
Formation End Depth: 103.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524953
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595266
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081777
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 29.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081778
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524953
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 60.00
Recommended Pump Depth: 60.00
Pumping Rate: 50.00
Flowing Rate:
Recommended Pump Rate: 15.00
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: 934110551
Test Type:
Test Duration: 15
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934385959
Test Type:
Test Duration: 30
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934655740
Test Type:
Test Duration: 45
Test Level: 60.00
Test Level UOM: ft

Pump Test Detail ID: 934904115
Test Type:
Test Duration: 60
Test Level: 60.00
Test Level UOM: ft

Water Details

Water ID: 933483737
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database: ***WWIS***

Well ID: 1524954
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56349
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: 9/17/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046697
DP2BR: 58

Spatial Status:
Cluster Kind:

Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 5/2/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059598
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 58.00
Formation End Depth UOM: ft

Formation ID: 931059599
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 58.00
Formation End Depth: 125.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524954
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595267
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081779
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 61.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081780
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 125.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524954
Pump Set At:
Static Level: 10.00
Final Level After Pumping: 50.00
Recommended Pump Depth: 50.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934110552
Test Type:
Test Duration: 15
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934385960
Test Type:
Test Duration: 30
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934655741
Test Type:
Test Duration: 45
Test Level: 50.00
Test Level UOM: ft

Pump Test Detail ID: 934904116
Test Type:
Test Duration: 60
Test Level: 50.00
Test Level UOM: ft

Water Details

Water ID: 933483738
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	70.00
Water Found Depth UOM:	ft
Water ID:	933483739
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.00
Water Found Depth UOM:	ft

Site:
lot 19 ON

Database:
WWIS

Well ID:	1525459	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/14/1991
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	91549	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	GOULBOURN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	019
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:	10047197	***Spatial Status:***	
DP2BR:	6	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	5/8/1991
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931061215
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	14
Other Materials:	HARDPAN
Formation Top Depth:	0.00

Formation End Depth: 6.00
Formation End Depth UOM: ft

Formation ID: 931061216
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6.00
Formation End Depth: 80.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111212
Layer: 1
Plug From: 0.00
Plug To: 7.00
Plug Depth UOM: ft

Plug ID: 933111213
Layer: 2
Plug From: 7.00
Plug To: 22.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525459
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595767
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082635
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525459
Pump Set At:
Static Level: 6.00
Final Level After Pumping: 52.00

Recommended Pump Depth: 72.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 934112282
Test Type: Draw Down
Test Duration: 15
Test Level: 32.00
Test Level UOM: ft

Pump Test Detail ID: 934387686
Test Type: Draw Down
Test Duration: 30
Test Level: 52.00
Test Level UOM: ft

Water Details

Water ID: 933484458
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database:
WWIS

Well ID: 1528113
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 126256
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: 8/8/1994
Selected Flag: 1
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049652
DP2BR: 12
Code OB: r
Code OB Desc: Bedrock

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM

Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Location Method: na
Org CS:
Date Completed: 7/12/1994

Overburden and Bedrock Materials Interval

Formation ID: 931068615
Layer: 1
Color: 6
General Color: BROWN
Mat1: 25
Most Common Material: OVERBURDEN
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931068616
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 20.00
Formation End Depth UOM: ft

Formation ID: 931068617
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 20.00
Formation End Depth: 100.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112980
Layer: 1
Plug From: 0.00
Plug To: 20.00
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961528113
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598222
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086759
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 20.00
Casing Diameter: 10.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086760
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930086761
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528113
Pump Set At:
Static Level: 10.00
Final Level After Pumping: 25.00
Recommended Pump Depth: 90.00
Pumping Rate: 5.00
Flowing Rate:
Recommended Pump Rate: 5.00
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:	934112376
Test Type:	
Test Duration:	15
Test Level:	12.00
Test Level UOM:	ft
Pump Test Detail ID:	934387185
Test Type:	
Test Duration:	30
Test Level:	17.00
Test Level UOM:	ft
Pump Test Detail ID:	934656513
Test Type:	
Test Duration:	45
Test Level:	20.00
Test Level UOM:	ft
Pump Test Detail ID:	934904884
Test Type:	
Test Duration:	60
Test Level:	25.00
Test Level UOM:	ft

Water Details

Water ID:	933487701
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	90.00
Water Found Depth UOM:	ft

Site:
lot 19 ON

Database:
WWIS

Well ID:	1531372	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/7/2000
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	220234	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	019
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:	10052906	***Spatial Status:***	
DP2BR:	14	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na

Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
Date Completed: 8/28/2000

Overburden and Bedrock Materials Interval

Formation ID: 931078299
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 14.00
Formation End Depth UOM: ft

Formation ID: 931078300
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 14.00
Formation End Depth: 80.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116538
Layer: 1
Plug From: 0.00
Plug To: 27.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531372
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601476
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930092561
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.00
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531372
Pump Set At:	
Static Level:	15.00
Final Level After Pumping:	60.00
Recommended Pump Depth:	75.00
Pumping Rate:	15.00
Flowing Rate:	
Recommended Pump Rate:	8.00
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:	
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934113536
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.00
Test Level UOM:	ft

Pump Test Detail ID:	934396040
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.00
Test Level UOM:	ft

Pump Test Detail ID:	934657531
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.00
Test Level UOM:	ft

Pump Test Detail ID:	934914423
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.00
Test Level UOM:	ft

Water Details

Water ID:	933491811
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	78.00
Water Found Depth UOM:	ft

Site:

lot 19 ON

Database:
WWIS

Well ID:	1533898	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/25/2003
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	257295	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	019
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:	10543013	***Spatial Status:***	
DP2BR:	11	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	7/3/2003
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932924534
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0.00
Formation End Depth:	3.00
Formation End Depth UOM:	ft

Formation ID:	932924535
Layer:	2
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	13
Other Materials:	BOULDERS

Mat3: 79
Other Materials: PACKED
Formation Top Depth: 3.00
Formation End Depth: 11.00
Formation End Depth UOM: ft

Formation ID: 932924536
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 17
Other Materials: SHALE
Formation Top Depth: 11.00
Formation End Depth: 30.00
Formation End Depth UOM: ft

Formation ID: 932924537
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 30.00
Formation End Depth: 120.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240795
Layer: 1
Plug From: 0.00
Plug To: 42.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533898
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11091583
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097820
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:
Casing Diameter: 8.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930097821
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930097822
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533898
Pump Set At:
Static Level: 25.00
Final Level After Pumping: 120.00
Recommended Pump Depth: 110.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 8.00
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: 934113031
Test Type: Recovery
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934396645
Test Type: Recovery
Test Duration: 30
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934656605
Test Type: Recovery
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934914052
Test Type: Recovery
Test Duration: 60

Test Level: 25.00
Test Level UOM: ft

Water Details

Water ID: 934036721
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 110.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database:
WWIS

Well ID: 1526072
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100584
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: 2/4/1992
Selected Flag: 1
Abandonment Rec:
Contractor: 3701
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047807
DP2BR: 50
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 7/29/1991

Overburden and Bedrock Materials Interval

Formation ID: 931063139
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 28
Other Materials: SAND
Mat3: 05
Other Materials: CLAY

Formation Top Depth: 0.00
Formation End Depth: 35.00
Formation End Depth UOM: ft

Formation ID: 931063140
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 35.00
Formation End Depth: 50.00
Formation End Depth UOM: ft

Formation ID: 931063141
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50.00
Formation End Depth: 155.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526072
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596377
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 991526072
Pump Set At:
Static Level: 40.00
Final Level After Pumping: 85.00
Recommended Pump Depth: 125.00
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 6.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934106251
Test Type:
Test Duration: 15
Test Level: 75.00
Test Level UOM: ft

Pump Test Detail ID: 934389885
Test Type:
Test Duration: 30
Test Level: 85.00
Test Level UOM: ft

Pump Test Detail ID: 934650828
Test Type:
Test Duration: 45
Test Level: 85.00
Test Level UOM: ft

Pump Test Detail ID: 934908026
Test Type:
Test Duration: 60
Test Level: 85.00
Test Level UOM: ft

Water Details

Water ID: 933485263
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 102.00
Water Found Depth UOM: ft

Water ID: 933485264
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 128.00
Water Found Depth UOM: ft

Water ID: 933485265
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 155.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database:
WWIS

Well ID: 1524908
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56425
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 9/17/1990
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:

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

Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046651
DP2BR: 42
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 4/17/1990

Overburden and Bedrock Materials Interval

Formation ID: 931059458
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 12.00
Formation End Depth UOM: ft

Formation ID: 931059459
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12.00
Formation End Depth: 34.00
Formation End Depth UOM: ft

Formation ID: 931059460
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 34.00
Formation End Depth: 42.00

Formation End Depth UOM: ft

Formation ID: 931059461
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 42.00
Formation End Depth: 83.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524908
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595221
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081688
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 45.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930081689
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524908
Pump Set At:
Static Level: 7.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 30.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934110506
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934385914
Test Type:
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934655274
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934904070
Test Type:
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933483683
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.00
Water Found Depth UOM: ft

Water ID: 933483684
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 78.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database:
WWIS

Well ID: 1523726
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49803
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 8/4/1989
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:

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

Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045500
DP2BR: 10
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 6/28/1989

Overburden and Bedrock Materials Interval

Formation ID: 931055541
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 14
Other Materials: HARDPAN
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.00
Formation End Depth: 10.00
Formation End Depth UOM: ft

Formation ID: 931055542
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.00
Formation End Depth: 64.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523726
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594070
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079627
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930079628
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 64.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523726
Pump Set At:
Static Level: 10.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 30.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934106084
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934390311
Test Type:
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934651289
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID:	934908495
Test Type:	
Test Duration:	60
Test Level:	30.00
Test Level UOM:	ft

Water Details

Water ID:	933482096
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.00
Water Found Depth UOM:	ft

Site:

lot 19 ON

Database: ***WWIS***

Well ID:	1524206	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/26/1990
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	56432	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	019
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:	10045978	***Spatial Status:***	
DP2BR:	27	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	9/25/1989
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931057169
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	14

Other Materials: HARDPAN
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.00
Formation End Depth: 27.00
Formation End Depth UOM: ft

Formation ID: 931057170
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27.00
Formation End Depth: 63.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524206
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10594548
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080508
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930080509
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524206
Pump Set At:
Static Level: 8.00
Final Level After Pumping: 40.00
Recommended Pump Depth: 40.00

Pumping Rate: 30.00
Flowing Rate:
Recommended Pump Rate: 15.00
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: 934107787
Test Type:
Test Duration: 15
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934392016
Test Type:
Test Duration: 30
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934652986
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934910186
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933482769
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database: ***WWIS***

Well ID: 1523079
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25476
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 12/13/1988
Selected Flag: 1
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044885
DP2BR: 33
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 11/21/1988

Overburden and Bedrock Materials Interval

Formation ID: 931053471
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 05
Other Materials: CLAY
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.00
Formation End Depth: 28.00
Formation End Depth UOM: ft

Formation ID: 931053472
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 12
Other Materials: STONES
Formation Top Depth: 28.00
Formation End Depth: 33.00
Formation End Depth UOM: ft

Formation ID: 931053473
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 33.00
Formation End Depth: 37.00
Formation End Depth UOM: ft

Formation ID: 931053474
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 37.00
Formation End Depth: 60.00
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110096
Layer: 1
Plug From: 4.00
Plug To: 37.00
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523079
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593455
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078517
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523079
Pump Set At:
Static Level:
Final Level After Pumping: 40.00
Recommended Pump Depth: 50.00
Pumping Rate: 30.00
Flowing Rate:
Recommended Pump Rate: 12.00
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: 934112653
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934388071
Test Type:
Test Duration: 30
Test Level: 35.00
Test Level UOM: ft

Pump Test Detail ID: 934649053
Test Type:
Test Duration: 45
Test Level: 40.00
Test Level UOM: ft

Pump Test Detail ID: 934906257
Test Type:
Test Duration: 60
Test Level: 40.00
Test Level UOM: ft

Water Details

Water ID: 933481208
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.00
Water Found Depth UOM: ft

Site:
lot 19 ON

Database: ***WWIS***

Well ID: 1522944
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 18369
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: 10/26/1988
Selected Flag: 1
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot: 019
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044751
Spatial Status:

DP2BR: 25
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 5/25/1988

Overburden and Bedrock Materials Interval

Formation ID: 931053028
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 25.00
Formation End Depth UOM: ft

Formation ID: 931053029
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25.00
Formation End Depth: 62.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522944
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593321
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078285
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To: 27.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930078286
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 62.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522944
Pump Set At:
Static Level: 10.00
Final Level After Pumping: 30.00
Recommended Pump Depth: 30.00
Pumping Rate: 20.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934112102
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934387525
Test Type:
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934648507
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934905714
Test Type:
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933481018
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.00
Water Found Depth UOM:	ft

Site:
con 4 ON

Database:
WWIS

Well ID:	1528107	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/9/1994
Sec. Water Use:		***Selected Flag:***	1
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2348
Casing Material:		***Form Version:***	1
Audit No:	143607	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	04
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:	10049646	***Spatial Status:***	
DP2BR:	40	***Cluster Kind:***	
Code OB:	r	***UTMRC:***	9
Code OB Desc:	Bedrock	***UTMRC Desc:***	unknown UTM
Open Hole:		***Location Method:***	na
Elevation:		***Org CS:***	
Elevrc:		***Date Completed:***	6/13/1994
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068599
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	14
Other Materials:	HARDPAN
Mat3:	
Other Materials:	
Formation Top Depth:	0.00
Formation End Depth:	33.00
Formation End Depth UOM:	ft

Formation ID:	931068600
Layer:	2
Color:	

General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 33.00
Formation End Depth: 40.00
Formation End Depth UOM: ft

Formation ID: 931068601
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 40.00
Formation End Depth: 47.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528107
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598216
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086749
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528107
Pump Set At:
Static Level:
Final Level After Pumping: 30.00
Recommended Pump Depth: 30.00
Pumping Rate: 15.00
Flowing Rate:
Recommended Pump Rate: 10.00
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: 934112371
Test Type:
Test Duration: 15
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934387180
Test Type:
Test Duration: 30
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934656508
Test Type:
Test Duration: 45
Test Level: 30.00
Test Level UOM: ft

Pump Test Detail ID: 934904879
Test Type:
Test Duration: 60
Test Level: 30.00
Test Level UOM: ft

Water Details

Water ID: 933487695
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 44.00
Water Found Depth UOM: ft

Site:
con 3 ON

Database: ***WWIS***

Well ID: 1521314
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 04583
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: 5/20/1987
Selected Flag: 1
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot:
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043136
DP2BR: 8
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 4/13/1987

Overburden and Bedrock Materials Interval

Formation ID: 931047543
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 4.00
Formation End Depth UOM: ft

Formation ID: 931047544
Layer: 2
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 4.00
Formation End Depth: 8.00
Formation End Depth UOM: ft

Formation ID: 931047545
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8.00
Formation End Depth: 167.00
Formation End Depth UOM: ft

Formation ID: 931047546
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73

Other Materials: HARD
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 167.00
Formation End Depth: 224.00
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521314
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591706
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075314
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930075315
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 224.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521314
Pump Set At:
Static Level: 6.00
Final Level After Pumping: 20.00
Recommended Pump Depth: 30.00
Pumping Rate: 30.00
Flowing Rate:
Recommended Pump Rate: 5.00
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: 934105993
Test Type: Draw Down
Test Duration: 15
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934390092
Test Type: Draw Down
Test Duration: 30
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934651239
Test Type: Draw Down
Test Duration: 45
Test Level: 20.00
Test Level UOM: ft

Pump Test Detail ID: 934909447
Test Type: Draw Down
Test Duration: 60
Test Level: 20.00
Test Level UOM: ft

Water Details

Water ID: 933478820
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 150.00
Water Found Depth UOM: ft

Water ID: 933478821
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 218.00
Water Found Depth UOM: ft

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 2017

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-Nov 2016

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

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-Jan 31, 2018

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

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-Jan 31, 2018

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 31, 2012

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-Nov 2017

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-Feb 28, 2018

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-Nov 30, 2017

Dry Cleaning Facilities: Federal DRYCLEANERS

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 2016

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-Jan 31, 2018

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-Feb 28, 2018

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-Jan 31, 2018

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-Feb 28, 2018

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

List of TSSA Expired Facilities: Provincial EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

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-Mar 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 2017

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

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-December 31, 2017

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 2015

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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*

TSSA Incidents: Provincial INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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: Dec 31, 2013

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*

Environmental Penalty Annual Report: Provincial MISA PENALTY

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, 2017

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 2018

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, 2016

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-Aug 2010

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 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-Dec 31, 2017

National Energy Board Wells: Federal NEBW

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 OGW

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-December 31, 2017

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-Oct 2017

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-Feb 28, 2018

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

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-Mar 2018

TSSA Pipeline Incidents: Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

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-Feb 28, 2018

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-Nov 2017

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-Jan 31, 2018

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-Feb 2018

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, 2016

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 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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.

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-Jan 31, 2018

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: Mar 31, 2017

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 C

AERIAL PHOTOGRAPHS

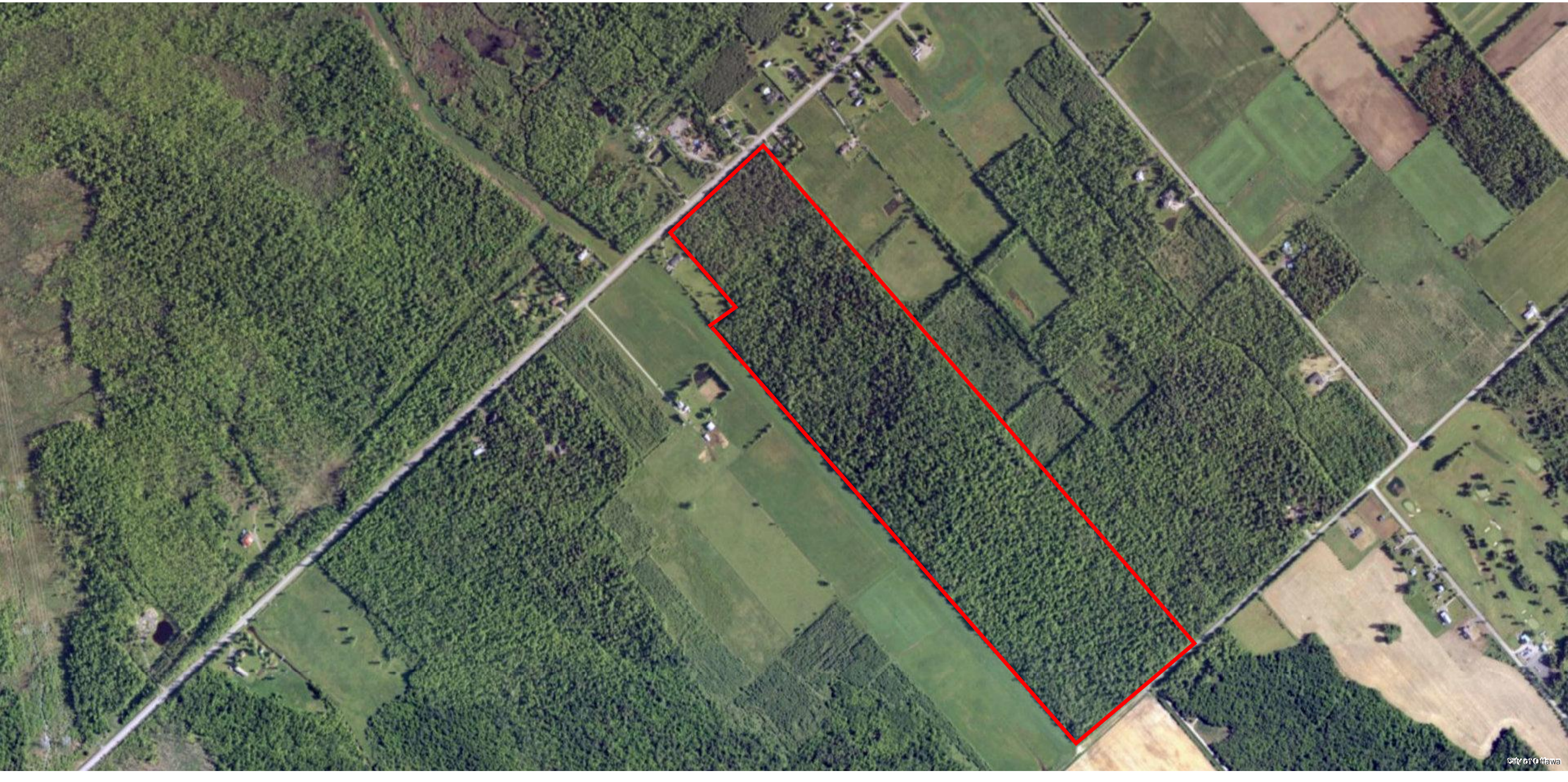

1946


1959

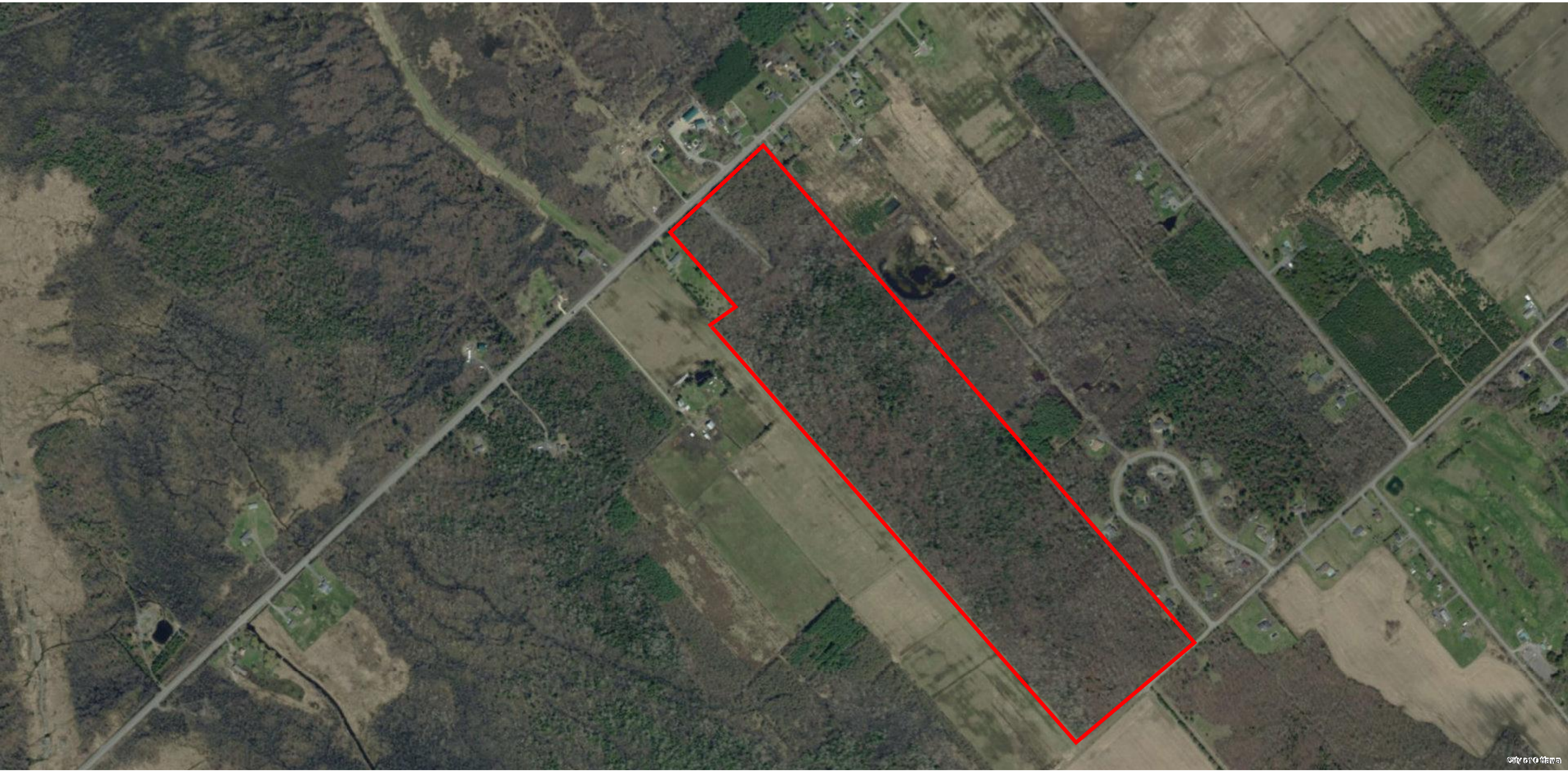
1976

1991

2002



2014



2017

APPENDIX D

SITE PHOTOGRAPHS

Photo 1: Main entrance to the property

Photo 2: High pressure natural gas pipeline running along Franktown Road

Photo 3: Buried Force-main adjacent to Franktown Road

Photo 4: General area around the site

Photo 5: General area around the site

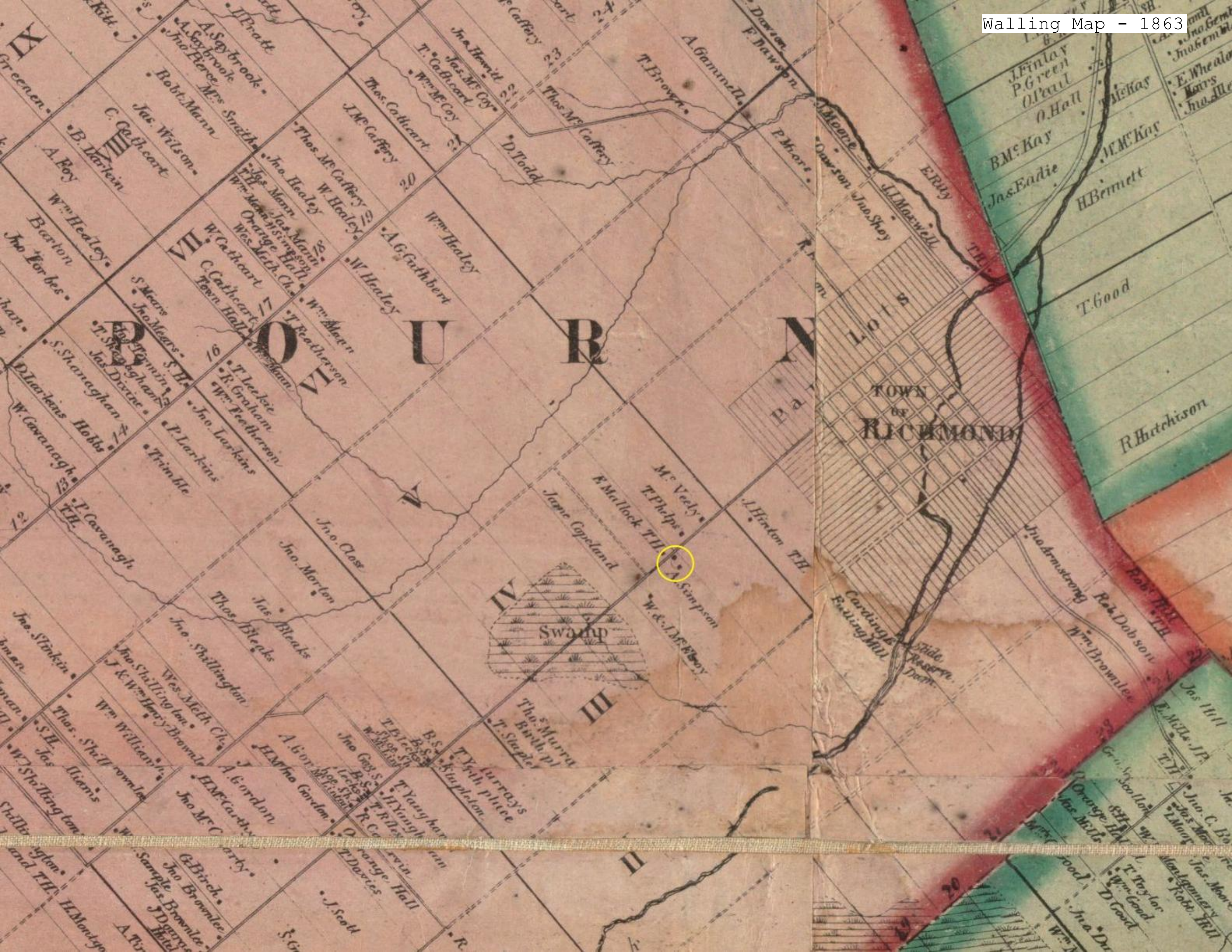
Photo 6: General area around the site

Photo 7: Southside of the property looking Northwest

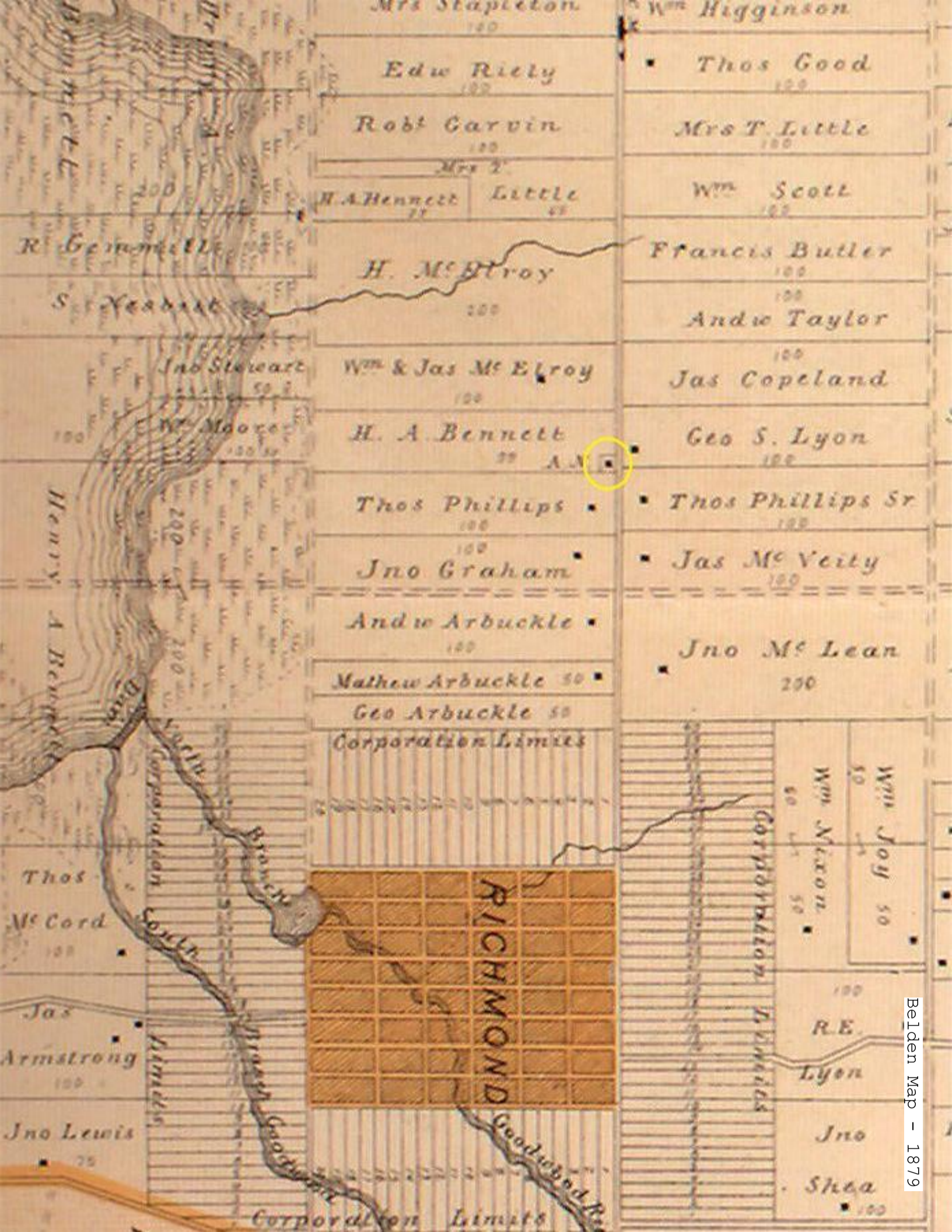
Photo 8: Residential area to the Northeast of the site

APPENDIX E

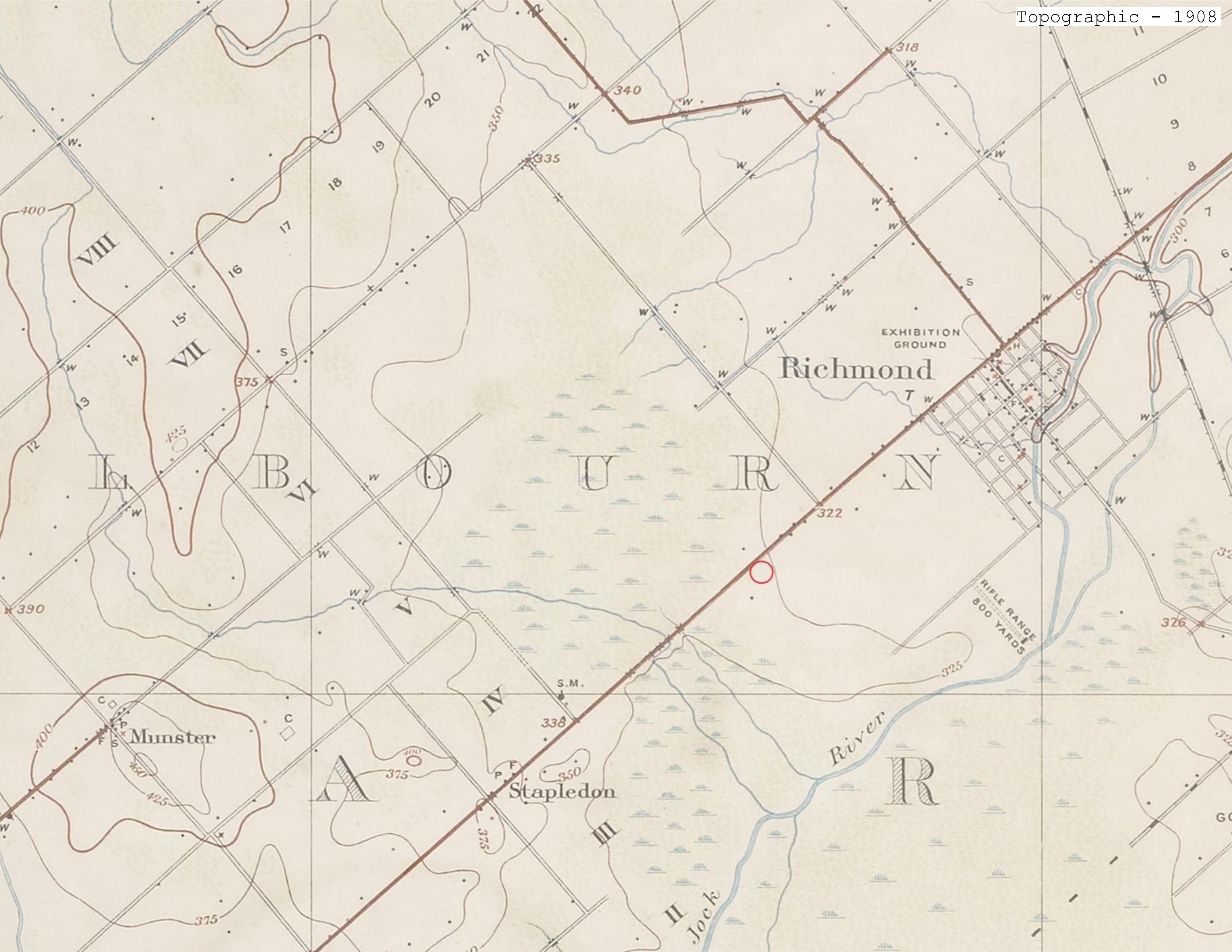
BACKGROUND INFORMATION



Walling Map - 1863



Belden Map - 1879


Topographic - 1908
Richmond
EXHIBITION GROUND
RIFLE RANGE 800 YARDS
Munster
Stapledon
Jock
River
S.M.
L B O U R N
A R
VIII
VII
VI
V
IV
III
II
400
375
350
340
335
338
322
318
325
326
390
425
300