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Phase I-Environmental Site Assessment

890 Byron Avenue; and
455, 463, 471 and 483 Sherbourne Road
Ottawa, Ontario

Prepared For

Concorde Developments

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Report: PE4939-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Concorde Developments to conduct a Phase I-Environmental Site Assessment (ESA) for the property located at 890 Byron Avenue; and 455, 463, 471 and 483 Sherbourne Road, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any areas of potential concern on the Phase I Property.

According to the historical research, the Phase I Property was developed circa 1953 with the present-day residential apartment buildings and associated private parking garages. No concerns were noted with the historical use of the subject land.

The historical use of the surrounding lands consisted of commercial lands along Richmond Road and residential on the adjacent streets. Off-site potentially contaminating activities (PCAs) were identified, primarily retail fuel outlets (RFOs) and automotive service garages, a coal shed and fuel oil storage along Richmond Road, just north of Byron Avenue. Based on the down-gradient orientation and/or separation distances with respect to the subject land, these historical off-site PCAs are not considered to represent APECs on the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by five (5) residential apartment buildings and four (4) private garages associated with the residential buildings. Neighbouring land use in the Phase I Study Area consists of residential and commercial (retail businesses). No PCAs were noted with the current use of the Phase I Property or the Study Area.

Based on the findings of our assessment, it is **our opinion that a Phase II-Environmental Site Assessment is not required for the subject property.**

Recommendations

It is our understanding that the subject buildings will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Concorde Developments, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the properties located at 890 Byron Avenue, and 455, 463, 471 and 483 Sherbourne Road, in the City of Ottawa, Ontario, herein referred to as the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and properties within the Phase I Study Area to identify any potentially contaminating activities that would result in areas of potential environmental concern on the Phase I Property.

Paterson was engaged to conduct this Phase I-ESA by Mr. Jordan Tannis of Concorde Developments. The head office is located at 408 Tweedsmuir Avenue, Ottawa, Ontario. Mr. Tannis can be reached by telephone at (613) 291-8660.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended, under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address: 890 Byron Avenue, and 455, 463, 471 and 483 Sherbourne Road, Ottawa, Ontario

Legal Description: Part of Lots 1 to 5 and 7 to 17 on Registered Plan 4R-10060, in the City of Ottawa.

Location: The site is located on the southeast corner of Byron Avenue at Sherbourne Road, in the City of Ottawa, Ontario. For the purpose of this report, Sherbourne Road is considered to run in a north-south direction. Refer to Figure 1 - Key Plan in the Figures section following the text.

Latitude and Longitude: 45° 22' 53.99" N, 75° 46' 11.67" W

Site Description:

Configuration: Irregular

Area: 4,803 m² (approximately)

Zoning: R4N – Residential 4th Density

Current Use: The Phase I Property is occupied by five (5), 3-storey residential apartment buildings and four (4) parking garages associated with the residential apartment buildings.

Services: The Phase I Property is situated in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- ☐ Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- ☐ Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- ☐ Conduct interviews with persons knowledgeable of current and historic operations on the subject properties, and if warranted, neighbouring properties;
- ☐ Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- ☐ Provide a preliminary environmental site evaluation based on our findings;
- ☐ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

Based on the 1953 aerial photograph, the Phase I Property was vacant and undeveloped land, while the 1956 Fire Insurance Plan (FIP) depicts the Phase I Property as being occupied by the present-day residential apartment buildings and associated parking garages. For the purpose of this assessment, the first developed use of the Phase I Property was taken to be residential in 1956.

Fire Insurance Plans

The 1948 and 1956 Fire Insurance Plans (FIPs) for the Phase I Property and properties within the Phase I Study Area were reviewed as part of this assessment.

The 1948 FIP shows the Phase I Property as vacant lands, while the 1956 FIPs depict five (5) residential apartment buildings with four (4) parking garages associated with the residential buildings.

Based on the 1948 and 1956 FIPs, the surrounding lands consisted of some commercial businesses along Richmond Road (north) and residential apartment buildings along Byron Avenue and on the neighbouring lands to the south as well as a railway line north of Richmond Road.

Historical off-site potentially contaminating activities (PCAs) were identified within the Phase I Study Area, which included three (3) retail fuel outlets (RFOs) and a fuel oil storage facility at 753 Richmond Road (63 m northwest), 793 Richmond Road (53 m northwest), 805 Richmond Road (99 m northwest) and 855 Richmond Road (245 m southwest), respectively.

It should be noted that the former RFO located at 793 Richmond Road is registered as an RSC Property, which is discussed in more detail in the next section (Section 4.2). As for the remaining off-site PCAs, they are not considered to represent areas of potential environmental concern (APECs) on the Phase I Property, based

on the separation distances and/or down-gradient orientation with respect to the subject land.

Historical PCAs identified in the FIPs reviewed are shown on Drawing PE4939-2- Surrounding Land Use Plan.

City Directories

City directories were reviewed in approximately ten (10) year intervals back to 1949.

The Phase I Property was first listed in the directories in 1960 under residential apartment buildings and has remained residential since.

Surrounding lands consisted of commercial along Richmond Road and residential on the adjacent streets. Historical off-site PCAs identified during the directories review were identified and are listed in Table 1.

Table 1. Potentially Contaminating Activities City Directories Review Summary			
Address	Years Listed	Listed Activity	Approximate Distance / Orientation from Site
Richmond Road			
875	1979-1988	Saveway gas bar	95m N
881-883	1959-1969	Service station (RFO)	52m NW
915-917	1959	Service station (RFO)	132m NW

Based on the separation and/or cross-gradient orientation with respect to the subject land, these historical PCAs are not considered to represent APECs on the Phase I Property.

Historical PCAs identified in the directories reviewed are shown on Drawing PE4939-2- Surrounding Land Use Plan.

Chain of Title

Paterson did not request a Chain of Title for the subject site as it was determined that sufficient information was gathered from other sources, such as FIPs, directories, personal interviews and aerial photographs.

Survey Plan

A survey plan was not available for review at the time of this assessment.

Previous Engineering Reports

- ❑ *“Phase I - Environmental Site Assessment, Nine Residential Apartment Buildings, Byron Avenue at Redwood Avenue, Ottawa, Ontario”, prepared by Paterson Group, dated May 14, 2010.*

Based on the Phase I ESA, no environmental concerns were identified with the Phase I Property or surrounding lands, and a Phase II ESA was not recommended.

Based on the year of construction of the subject buildings (1956), several building materials were considered potential asbestos-containing materials (ACMs). Lead-based paints were also considered to be present on painted surfaces.

- ❑ *“Asbestos Survey, Nine Residential Apartment Buildings, Byron Avenue at Redwood Avenue, Ottawa, Ontario”. prepared by Paterson Group, dated December 2, 2010.*

The asbestos survey completed by Paterson Group (Paterson) identified the boiler jacket and the pipe run insulation present within the apartment building addressed 890 Byron Avenue, as being asbestos containing. The boiler jacket and pipe run insulation are present within all nine (9) apartment buildings. These materials were observed to be in good condition at the time of the assessment and did not represent any immediate concern. It was recommended that any removal, disturbance or encapsulation of the identified ACMs throughout the buildings must be done in accordance with the procedures outlined in Ontario Regulation 278/05.

- ❑ *“Phase I - Environmental Site Assessment Update, Nine Residential Apartment Buildings, Byron Avenue at Redwood Avenue, Ottawa, Ontario,” prepared by Paterson Group Inc. (Paterson), dated February 4, 2020.*

Based on the Phase I ESA Update, no potential environmental concerns were noted at the time of the assessment. No significant changes were made to the subject buildings since 2010. A Phase II ESA was not recommended.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on May 8, 2020. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on May 8, 2020. The search did not reveal any areas of natural significance within the Phase I Study Area.

Ministry of the Environment, Conservation and Parks (MECP) Submissions

An ERIS search was requested in lieu of a MECP Freedom of Information (FOI) request pertaining to all environmental conditions, permits, certificates of approval, compliance reports, fuel oil storage tanks, spills and waste generators regarding the subject site and neighbouring lands.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No RSCs have been filed for the Phase I Property.

One RSC was filed at the properties addressed 761 and 793 Richmond Road, approximately 53 m north of the subject land in 2009. A historical PCA, specifically an RFO, was previously identified at the aforementioned property (793 Richmond Road). According the ESR, approximately 8,508 m³ of soil was removed off-site. Groundwater beneath the site was remediated via a pump a treat method during the redevelopment phase of the site. No follow-up/monitoring was required after the RSC was issued.

Based on the down-gradient orientation of the RSC Property with respect to the subject land, it is our opinion that the former use of the RSC Property has not impacted the Phase I Property.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

An ERIS search was conducted in lieu of contacting the TSSA, Fuels Safety Branch in Toronto to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No TSSA records are listed in the ERIS search for the subject site or the adjacent properties. A copy of the ERIS Report is included in Appendix 2.

Former Industrial Sites

The report titled "Mapping and Assessment of Former Industrial Sites, City of Ottawa" prepared by Intera Technologies Limited was reviewed.

The aforementioned report indicated the presence of one former industrial site within the study area: Site #18 (Sunlight Oil Company, bulk storage of diesel and oil) located at 855 Richmond Road, approximately 245 m southwest of the Phase I Property. Based on the separation distance with respect to the subject land, this former industrial site is not considered to represent an APEC on the Phase I Property.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former landfill sites were identified in the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa's Historical Land Use Inventory (HLUI 2005) database was requested as part of this assessment. A response had not been received prior to issuing this report. A copy of the response will be forwarded to the client once received.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area.

According to the ERIS report, no records were identified for 890 Byron Avenue, or 455, 463, 471 and 483 Sherbourne Road. No potential environmental concerns or new information regarding the Phase I Property was identified in the ERIS report.

Several records from various databases were identified in the ERIS search, which included Certificates of Approval (CAs), Environmental Compliance Approvals (ECAs), Ontario Waste Generators, Ontario Spills and Pipeline Incidents and listings under Scott's Manufacturing Directories.

The environmental records were primarily related to municipal drinking water or sewer works along Richmond Road. The reported ECAs and CAs are considered non-issues based on the nature of the reports.

Seven (7) waste generators were identified within the study area; the majority of them were located 150 m or more away from the Phase I Property. A waste generator at 793 Richmond Road (Residential Apartment Building), approximately 75 m northwest of the subject land was reportedly producing light fuels, oil skimmings and sludge. Based on the separation distance and cross-gradient orientation, this property is not considered to pose a risk to the Phase I Property.

Five (5) spills and pipeline incidents were reported within the study area. With the exception of one reported spill, all of the reported incidents were related to natural gas leaks, which are considered non-issues. One diesel fuel release was reported to have occurred at the Richmond Road and Clearly Avenue intersection, approximately 45 m north of the Phase I Property. According to the spill record, approximately 100-L of diesel fuel was released; however, it was contained. Based on the down-gradient orientation with respect to the subject land, this release is not considered to have impacted the Phase I Property.

Several listings identified through Scott's Manufacturing Directories were non-issues based on the activity/industry (i.e. medical equipment distributor) or too far

away from the subject site to pose any potential environmental concern to Phase I Property. A copy of the report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

- | | |
|------|--|
| 1945 | The subject site appears as vacant and undeveloped land. Neighbouring lands to the north, further north and east appear to be occupied by residences. The Canadian National Railway (CNR) line to the north can be seen further north. |
| 1953 | The subject site remains unchanged from the previous photograph. Neighbouring lands to the east appear to be occupied by residences. |
| 1967 | The subject site is occupied by the five (5) residential apartment buildings and four (4) parking garages associated with the apartment buildings. Neighbouring lands to the east and west are occupied by residential apartment buildings and individual dwellings. |
| 1986 | No significant changes are apparent on the subject site or neighbouring lands. |
| 1999 | No significant changes are apparent on the subject site or neighbouring lands. |
| 2011 | No significant changes were made to the subject site or neighbouring properties. |
| 2017 | The subject site and surrounding lands remain unchanged from the previous photograph. |

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

Physiographic Maps

The Ontario Geological Survey publication 'The Physiography of Southern Ontario, Third Edition' was reviewed as a part of this assessment. According to the publication, the site is situated within the Ottawa Clay Plain physiographic region.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the site slopes down in a northerly direction towards the Ottawa River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area consists of interbedded limestone and dolomite of the Gull River Formation. The surficial geology in the area of the site consists plain till with a drift thickness ranging from 5 to 10 m.

Water Well Records

A well record search was conducted on May 11, 2020 for all drilled wells within 250 m of the subject site. The search returned forty-nine (49) well records, 37 of which were domestic wells and 12 monitoring wells. No well records were identified for the Phase I Property.

The domestic wells were drilled between 1935 and 2011 to depths ranging from approximately 16.4 to 44 m below the ground surface. All wells were drilled to fresh, clear water. Although there were no well abandonment records, it is expected that these wells are no longer in-use since the area is situated in a municipally serviced area.

The twelve (12) monitoring wells were identified along Richmond Road at 747 and 793 Richmond Road (RSC Property) and at the intersection of Richmond Road and Clearly Avenue where a former diesel release was reported. Based on the down-gradient orientation, these monitoring wells are not considered pose an issue to the Phase I Property.

Based on well records, the stratigraphy in the area consists of till, underlain by interbedded shale and limestone bedrock. Bedrock in the immediate area was encountered at 8m below the ground surface. No other information was provided in the well records. A copy of the well records has been included in Appendix 2.

Areas of Natural Significance and Water Bodies

No areas of natural significance or bodies of water were identified in the Phase I Study Area.

5.0 INTERVIEWS

Property Owner Representatives

Mr. Jordan Tannis of Concorde Developments was interviewed on March 27, 2020, via email. According to Mr. Tannis, the subject buildings were constructed as part of the small residential complex in the mid-1950s. Mr. Tannis is unaware of any potential environmental concerns regarding the Phase I Property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on April 8, 2020. Ms. Mandy Witteman from the Environmental Department of Paterson conducted the site assessments. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

The subject properties addressed 890 Byron Avenue, and 455, 463, 471 and 483 Sherbourne Road are occupied by five (5), 3-storey with half levels below grade, residential apartment buildings and four (4) private garages associated with the residential buildings. The apartment building exteriors are finished in brick with a flat style tar and gravel roof. The garage exteriors are concrete block construction with a flat metal clad roof.

Site Features

The site topography is relatively flat, while the regional topography slopes down in a northwesterly direction towards the Ottawa River.

The subject property is at grade with the adjacent roadways. Site drainage occurs through infiltration on the landscaped areas and sheet drainage to catch basins located on the adjacent streets. There was no ponded water observed on the ground surface at the time of the inspection.

Solid non-hazardous waste and recycling is stored in bins located in the northern parking area. The garbage is removed from the site by the city on a regular basis.

No USTs or ASTs, fuels or chemicals were observed on-site. No wastewater is produced on-site. No evidence of current or former railway or spur lines was observed on the subject property at the time of the site visit.

No areas of stained pavement, stressed vegetation or unidentified substances were observed on-site at this time. No potential environmental concerns were identified on the exterior of the Phase I Property at the time of the assessment.

Interior Assessment

A general description of the interior of the buildings, based on the interior assessment conducted by Paterson as part of a 2020 Phase I ESA Update, is as follows:

- ☐ Floors consist of a combination of poured concrete, hardwood, vinyl tile, and ceramic tile.
- ☐ The walls consist of a combination of concrete block, plaster and ceramic tile.
- ☐ The ceilings consist of wood, plaster, gypsum board or stippled plaster finish.
- ☐ Lighting throughout the building is provided by incandescent fixtures.

The boiler room in each of the apartment buildings was inspected for the presence of ASTs and/or any signs of USTs. No signs of an AST or signs of USTs were observed. No odour or staining was observed in any of the boiler rooms.

Some cleaning chemicals and paints were observed on the subject site at the time of our inspection, which were properly stored. Potential sources of ODSs observed included fire extinguishers and refrigerators. These appliances should be regularly serviced and maintained by licenced contractors.

The liquid discharged from the subject site includes wash water and sewage from the buildings. The subject site discharges into the municipal system. No concerns were identified with respect to on-site wastewater discharges.

No sump pits were noted on-site. No water or odour was noted at the time of the site visit. No potential environmental concerns were identified in the interior of the subject buildings at the time of the assessment.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site is as follows:

- ☐ North: Apartment building and Byron Avenue, followed by a landscaped median and Richmond Road;
- ☐ South: Keenan Avenue followed by residential dwellings;
- ☐ East: Apartment building followed by Redwood Avenue and residential dwellings;
- ☐ West: Sherbourne Road followed by residential apartments and dwellings.

Land within the Phase I Study Area (250 m radius) is primarily used for residential and some commercial purposes on the north side of Richmond Road. No existing off-site PCAs were identified at the time of the site visit. Surrounding land use is shown on Drawing PE4939-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the site as well as any associated potentially contaminating activities dating back to the first developed use of the site.

Table 2. Land Use History – 890 Byron Avenue, and 455, 463, 471 and 483 Sherbourne Road				
Time Period	Landowner	Property Use	Land Use	Specific observations of the phase I Property (i.e. aerial photographs, directories, interviews, etc.)
Prior to 1953	Unknown	Vacant	Unknown	The 1945 aerial photograph depicts the subject land as vacant and undeveloped land.
1953-Present	Byron Rental Property	Residential apartment buildings	Residential	1953 to 2017 aerial photographs show the present-day buildings. Site visit and personal interview indicated that there have been no changes to the subject site.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No potentially contaminating activities (PCAs) were identified at the Phase I Property. Historical PCAs were identified along the north side of Richmond Road. As previously discussed, based on the separation distances and/or orientation with respect to the subject land, historical off-site PCAs identified within the Phase I Study Area are not considered to represent APECs on the Phase I Property.

Off-site PCAs identified during this assessment are shown on Drawing PE4939-2-Surrounding Land Use Plan, provided in Figures section of this report.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I Property is reported to consist of interbedded limestone and dolomite of the Gull River Formation. The overburden is reported to consist of plain till of depths ranging from 5 to 10 m over the entire site.

It is expected that the regional groundwater flows in a north/northwesterly direction towards the Ottawa River.

Water Bodies and Areas of Natural Significance

No areas of natural significance or water bodies were identified on the Phase I Property or within a 250 m search radius.

Drinking Water Wells

There are no potable water wells on the Phase I Property.

Existing Buildings and Structures

The Phase I Property is occupied by five (5), 3-storey plus a half grade level, residential apartment buildings and four (4) private garages associated with the residential buildings.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, municipal water and sewer services on-site. The utilities enter on the Phase I Property from Sherbourne Road and Byron Avenue.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists primarily of residential with some commercial properties on the north side of Richmond Road.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, PCAs were not identified on the Phase I Property. Historical PCAs were identified along the north side of Richmond Road.

As previously discussed, based on the separation distances and/or orientation with respect to the subject land, historical off-site PCAs identified within the Phase I Study Area are not considered to represent APECs on the Phase I Property.

Contaminants of Potential Concern

As per Section 7.1 of this report, no Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are no APECs on the subject site. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Concorde Developments to conduct a Phase I-Environmental Site Assessment (ESA) for the property located at 890 Byron Avenue; and 455, 463, 471 and 483 Sherbourne Road, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the subject site and the Phase I Study Area and to identify any areas of potential concern on the Phase I Property.

According to the historical research, the Phase I Property was developed circa 1953 with the present-day residential apartment buildings and associated private parking garages. No concerns were noted with the historical use of the subject land.

The historical use of the surrounding lands consisted of commercial lands along Richmond Road and residential on the adjacent streets. Off-site potentially contaminating activities (PCAs) were identified, primarily retail fuel outlets (RFOs) and automotive service garages, a coal shed and fuel oil storage along Richmond Road, just north of Byron Avenue. Based on the down-gradient orientation and/or separation distances with respect to the subject land, these historical off-site PCAs are not considered to represent APECs on the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by five (5) residential apartment buildings and four (4) private garages associated with the residential buildings. Neighbouring land use in the Phase I Study Area consists of residential and commercial (retail businesses). No PCAs were noted with the current use of the Phase I Property or the Study Area.

Based on the findings of our assessment, it is **our opinion that a Phase II-Environmental Site Assessment is not required for the subject property.**

8.2 Recommendations

It is our understanding that the subject buildings will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Concorde Developments. Permission and notification from Concorde Developments and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mandy Witteman, B.Eng., M.A.Sc.



Mark S. D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- ☐ Concorde Developments
- ☐ Paterson Group

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

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MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
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MNR Areas of Natural Significance.
MECP Water Well Record Inventory.
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Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
geoOttawa: City of Ottawa electronic mapping website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources

Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Report

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4939-1 – SITE PLAN

DRAWING PE4939-2 – SURROUNDING LAND USE PLAN

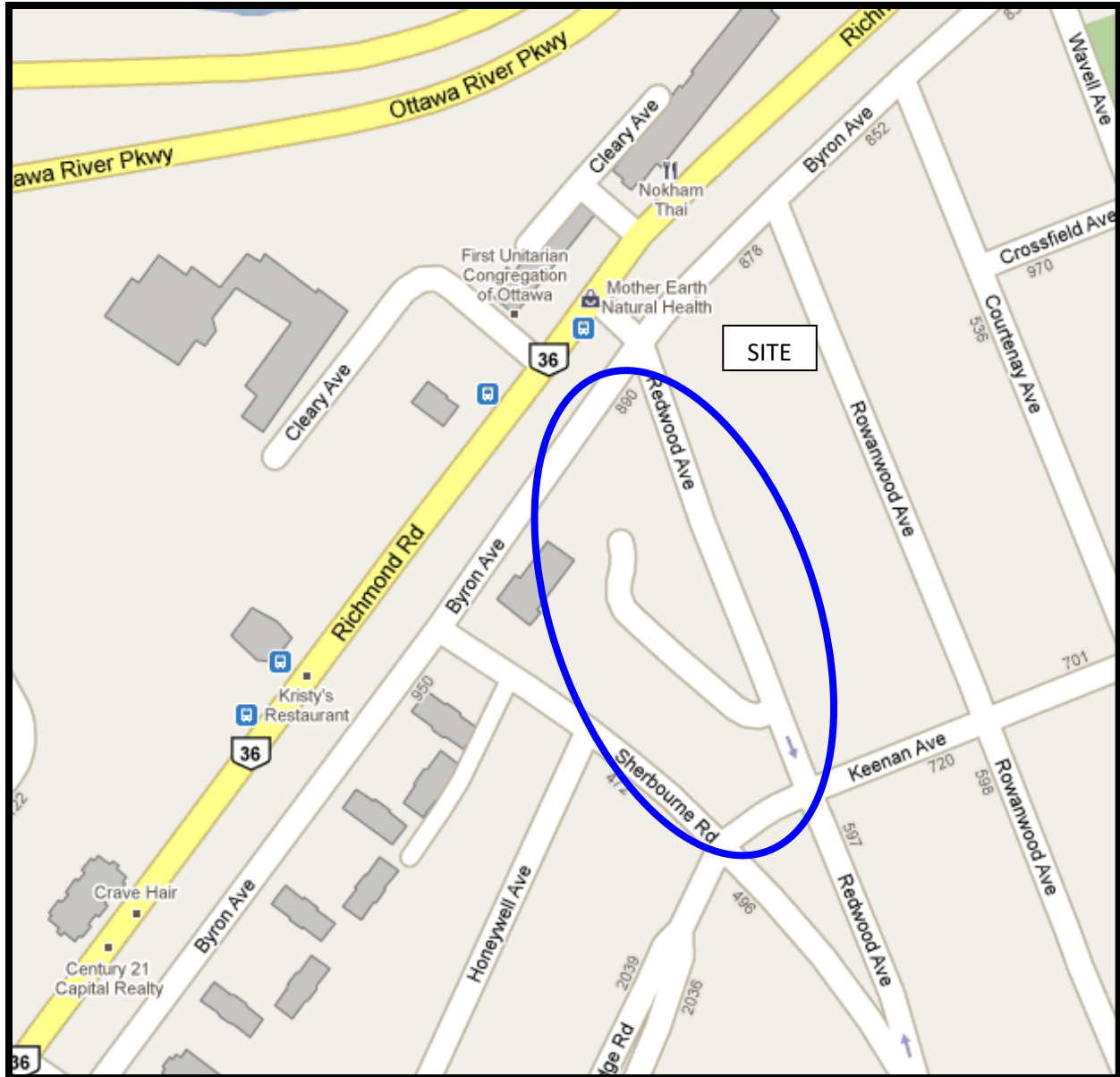
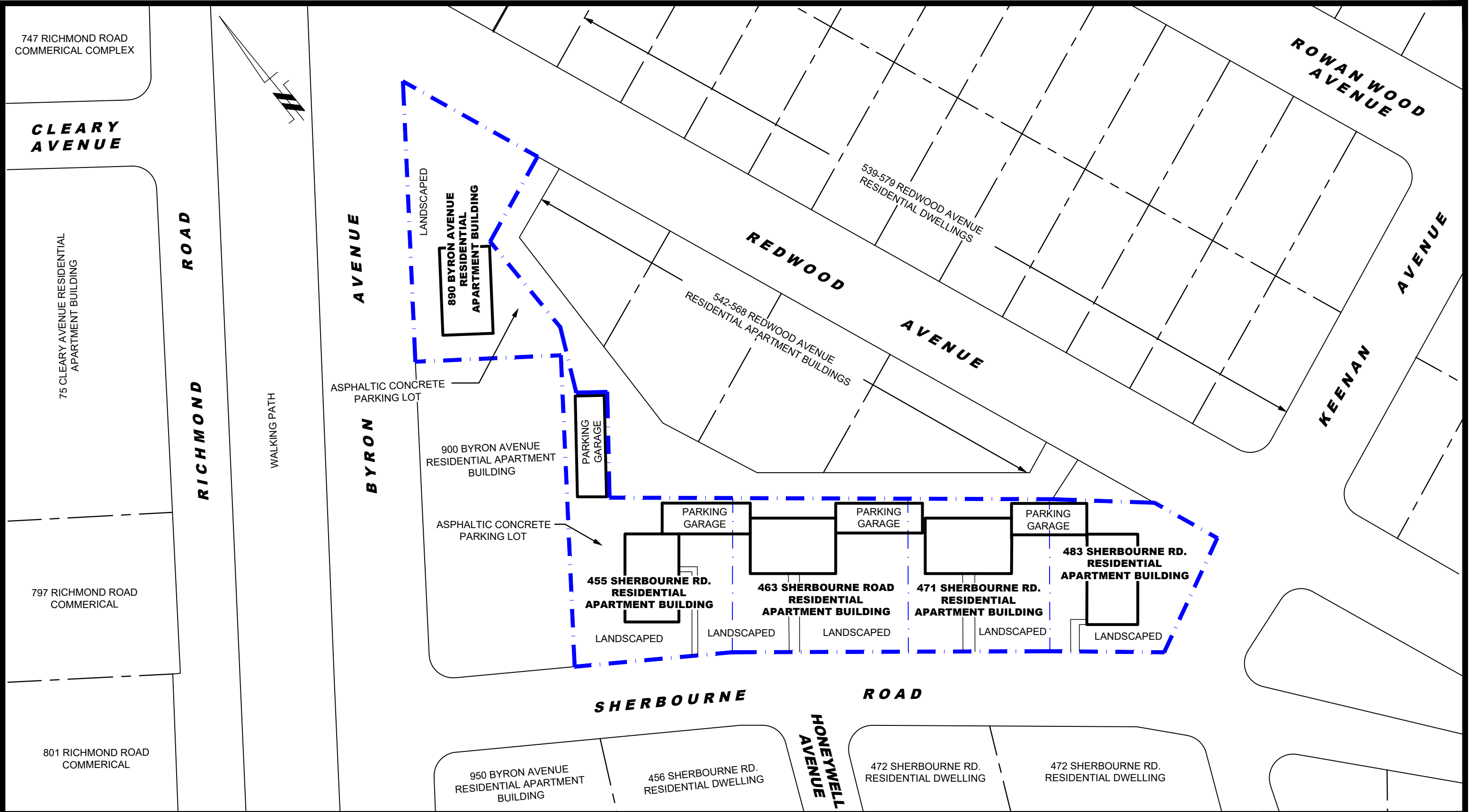


FIGURE 1
KEY PLAN



FIGURE 2
TOPOGRAPHIC MAP



patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

CONCORDE DEVELOPMENTS

PHASE I - ENVIRONMENTAL SITE ASSESSMENT

890 BYRON AVENUE AND 455, 463, 471 AND 483 SHERBOURNE ROAD

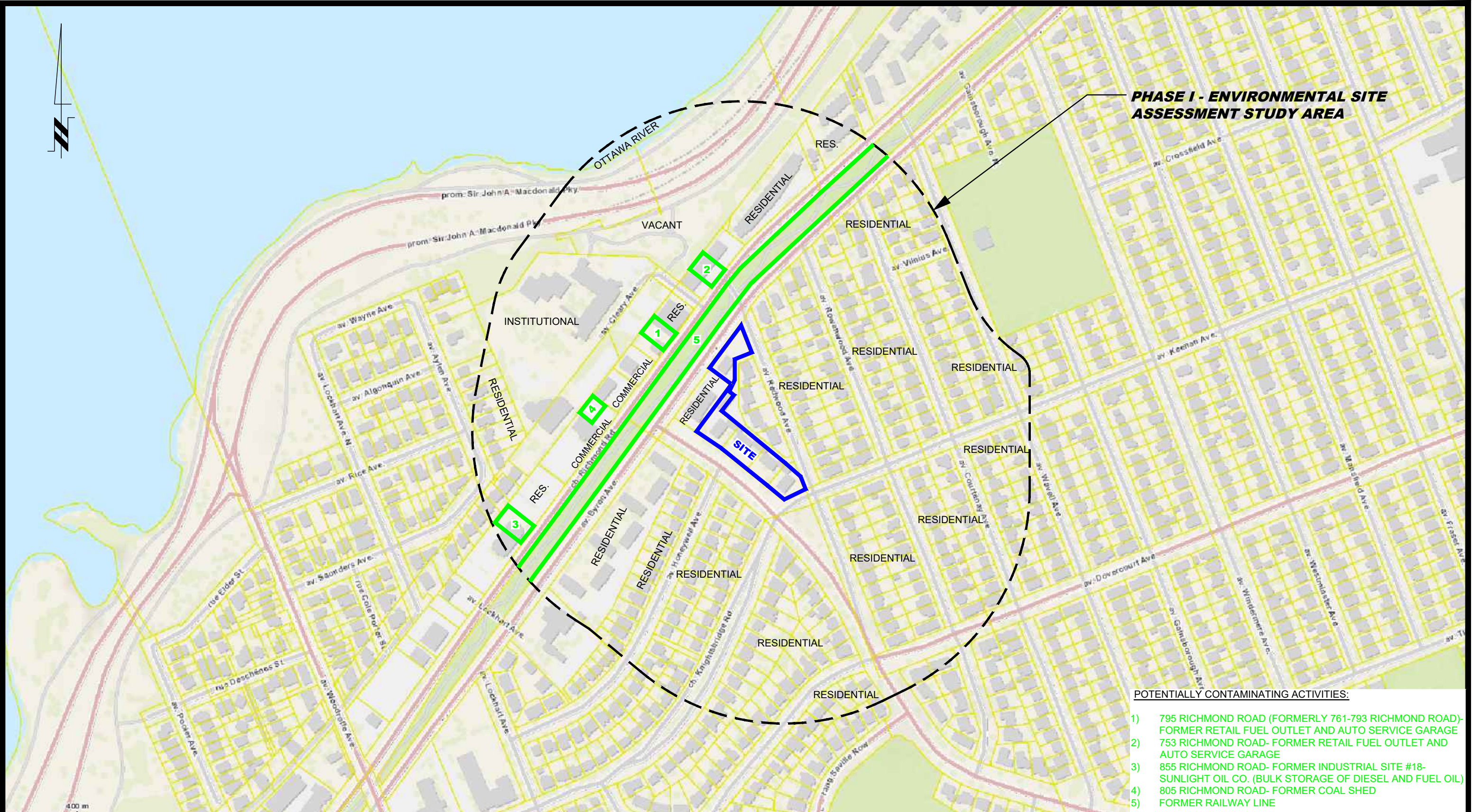
OTTAWA, ONTARIO

Title:

SITE PLAN

Scale:	1:750	Date:	05/2020
Drawn by:	YA	Report No.:	PE4939-1
Checked by:	MW	Dwg. No.:	PE4939-1
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe4939\pe4939-1-site plan.dwg



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

- POTENTIALLY CONTAMINATING ACTIVITIES:**
- 1) 795 RICHMOND ROAD (FORMERLY 761-793 RICHMOND ROAD)- FORMER RETAIL FUEL OUTLET AND AUTO SERVICE GARAGE
 - 2) 753 RICHMOND ROAD- FORMER RETAIL FUEL OUTLET AND AUTO SERVICE GARAGE
 - 3) 855 RICHMOND ROAD- FORMER INDUSTRIAL SITE #18- SUNLIGHT OIL CO. (BULK STORAGE OF DIESEL AND FUEL OIL)
 - 4) 805 RICHMOND ROAD- FORMER COAL SHED
 - 5) FORMER RAILWAY LINE

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NO.	REVISIONS	DATE	INITIAL

CONCORDE DEVELOPMENTS
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
890 BYRON AVENUE AND 455, 463, 471 AND 483 SHERBOURNE ROAD
OTTAWA, ONTARIO
Title:
SURROUNDING LAND USE PLAN

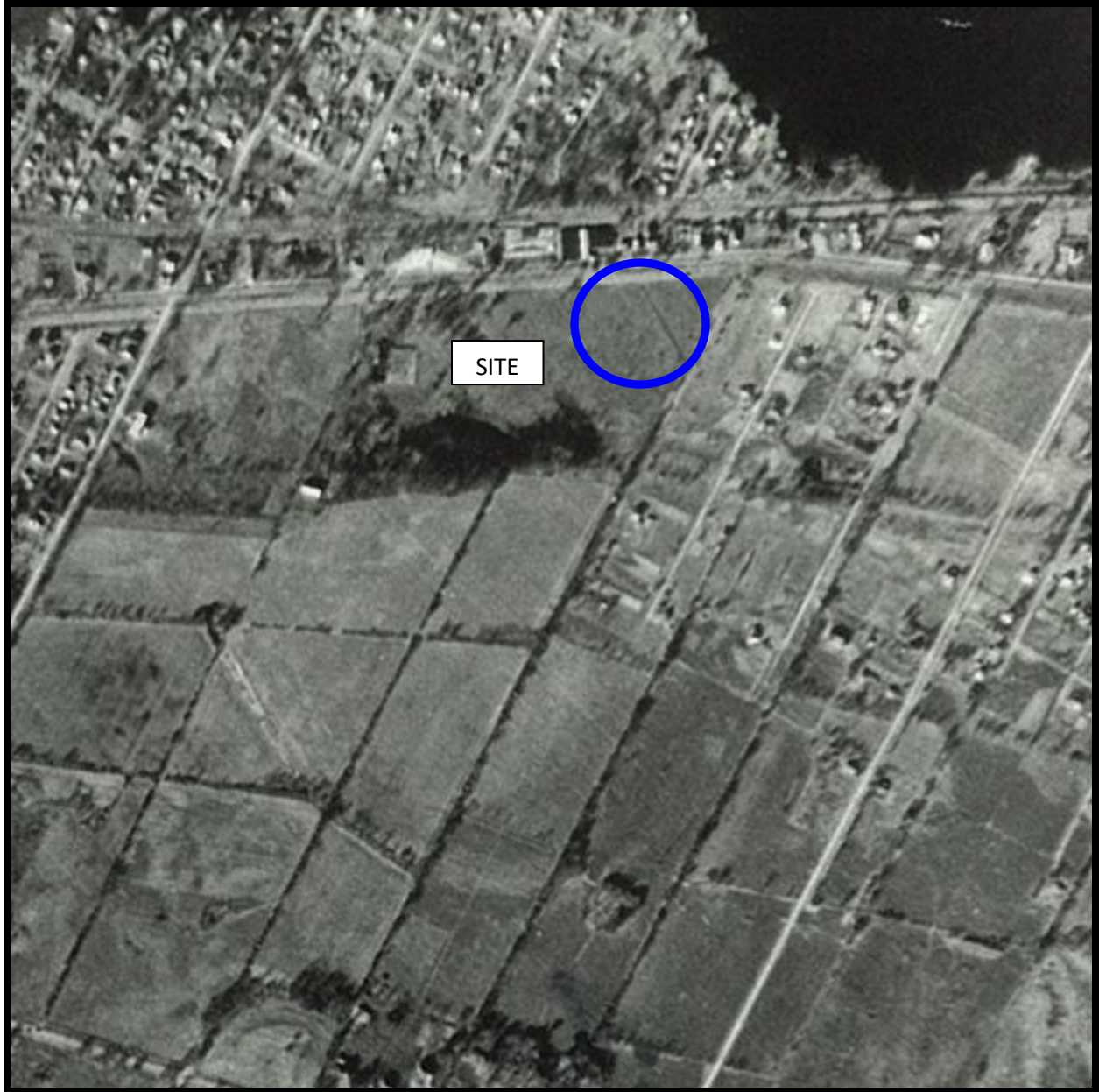
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Drawn by:	YA	Report No.:	PE4939-1
Checked by:	MW	Dwg. No.:	PE4939-2
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe4939\pe4939-2-surrounding land use plan.dwg

APPENDIX 1

AERIAL PHOTOGRAPHS

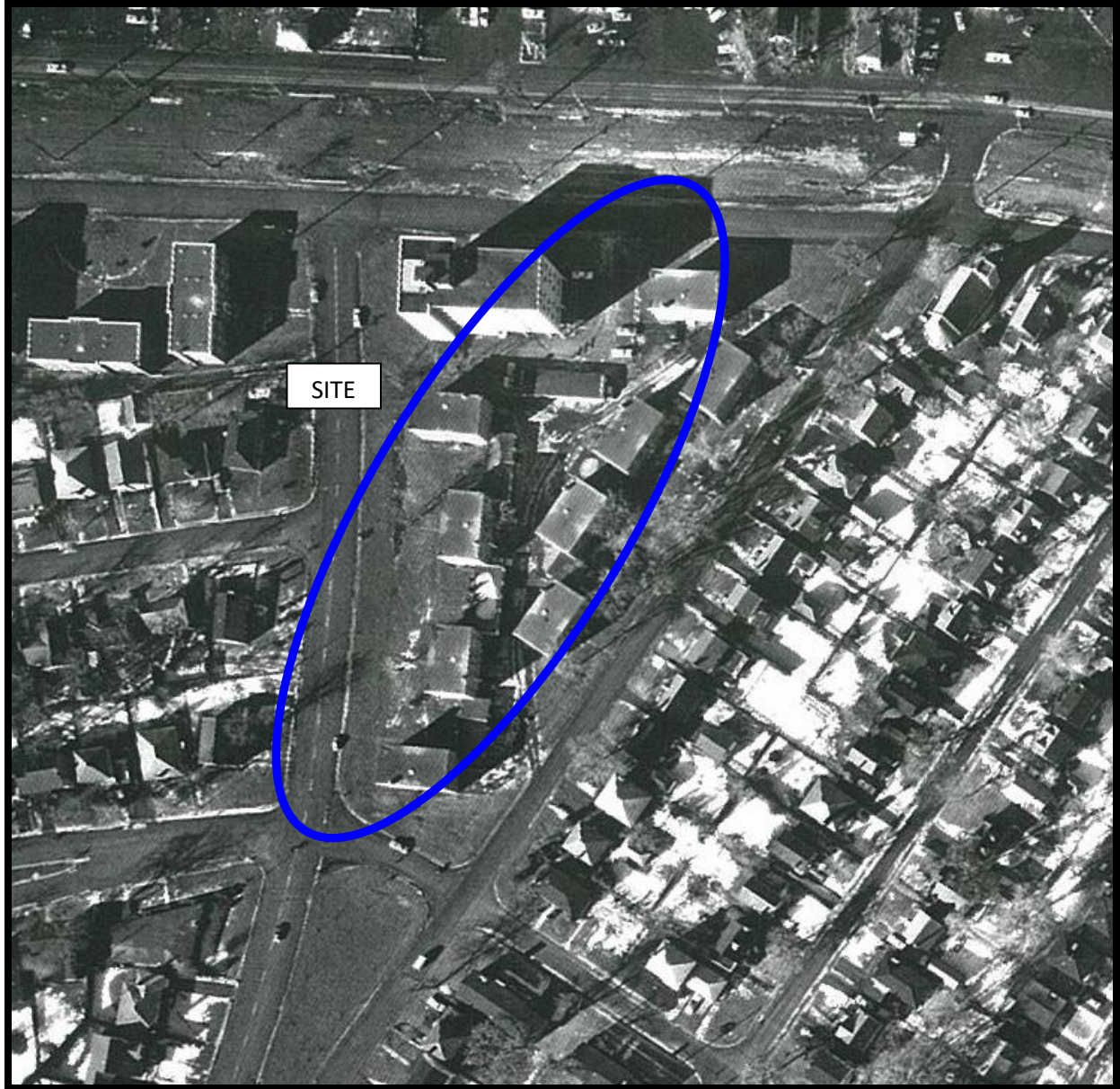
SITE PHOTOGRAPHS



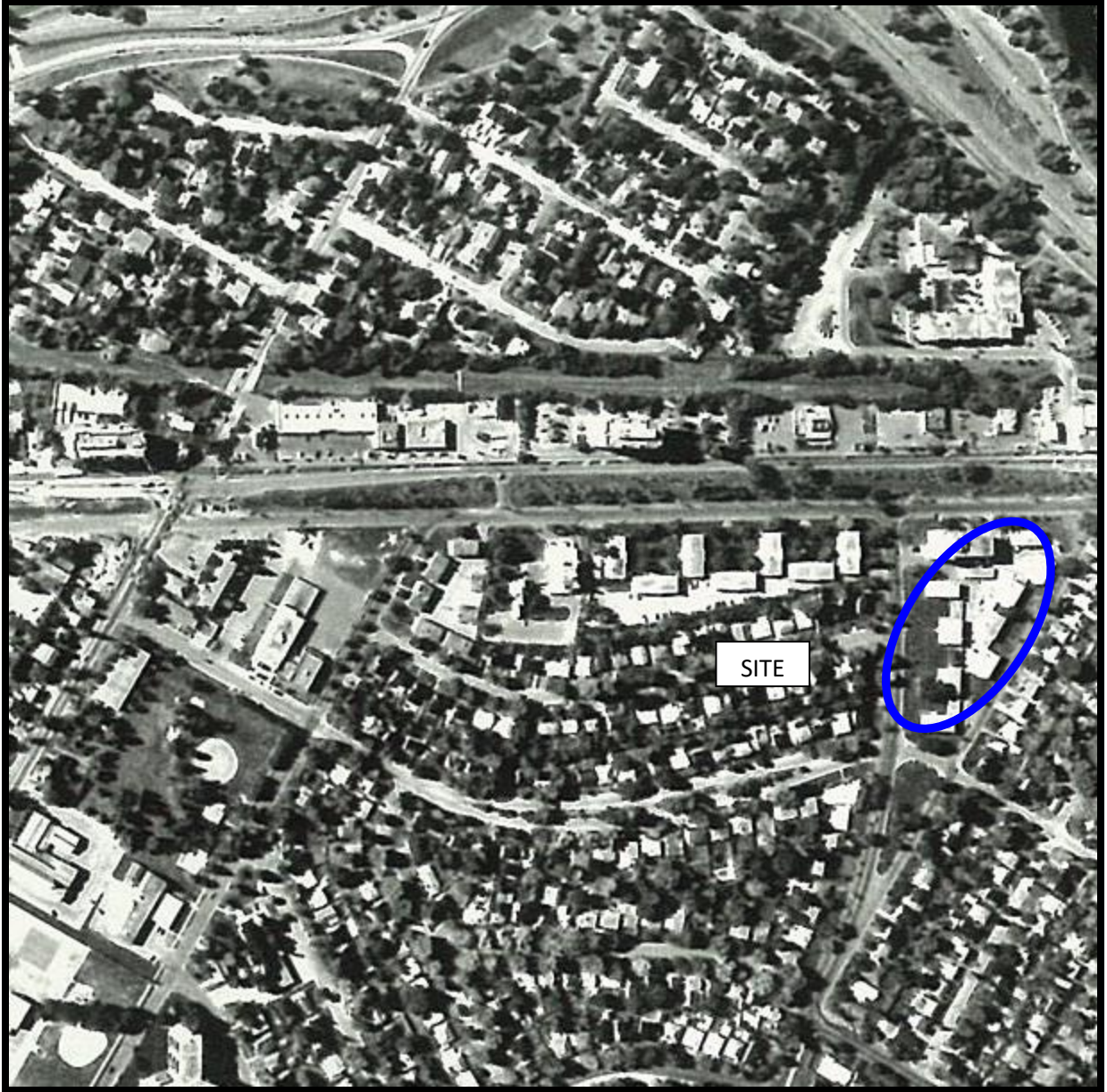
AERIAL PHOTOGRAPH
1945



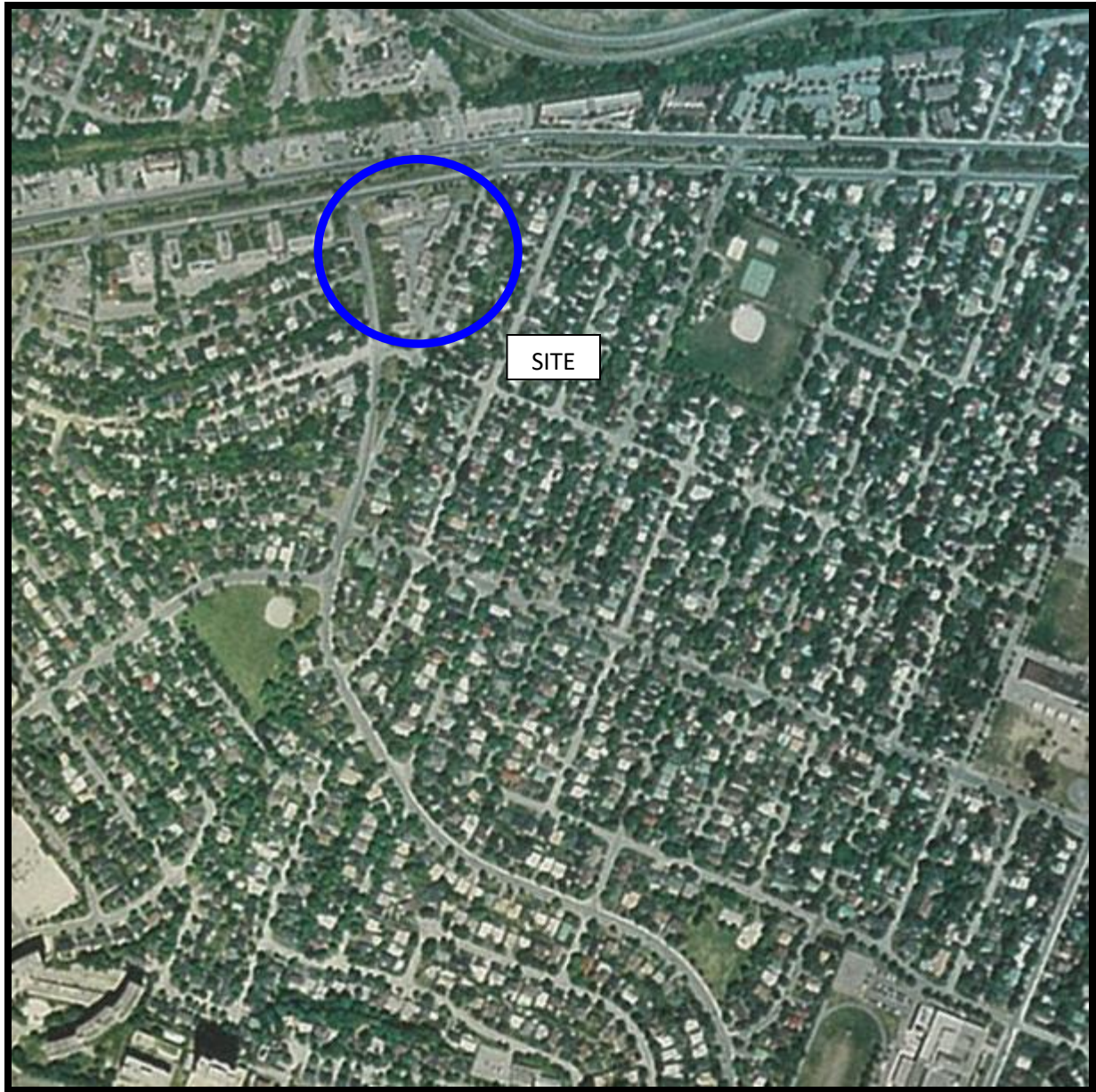
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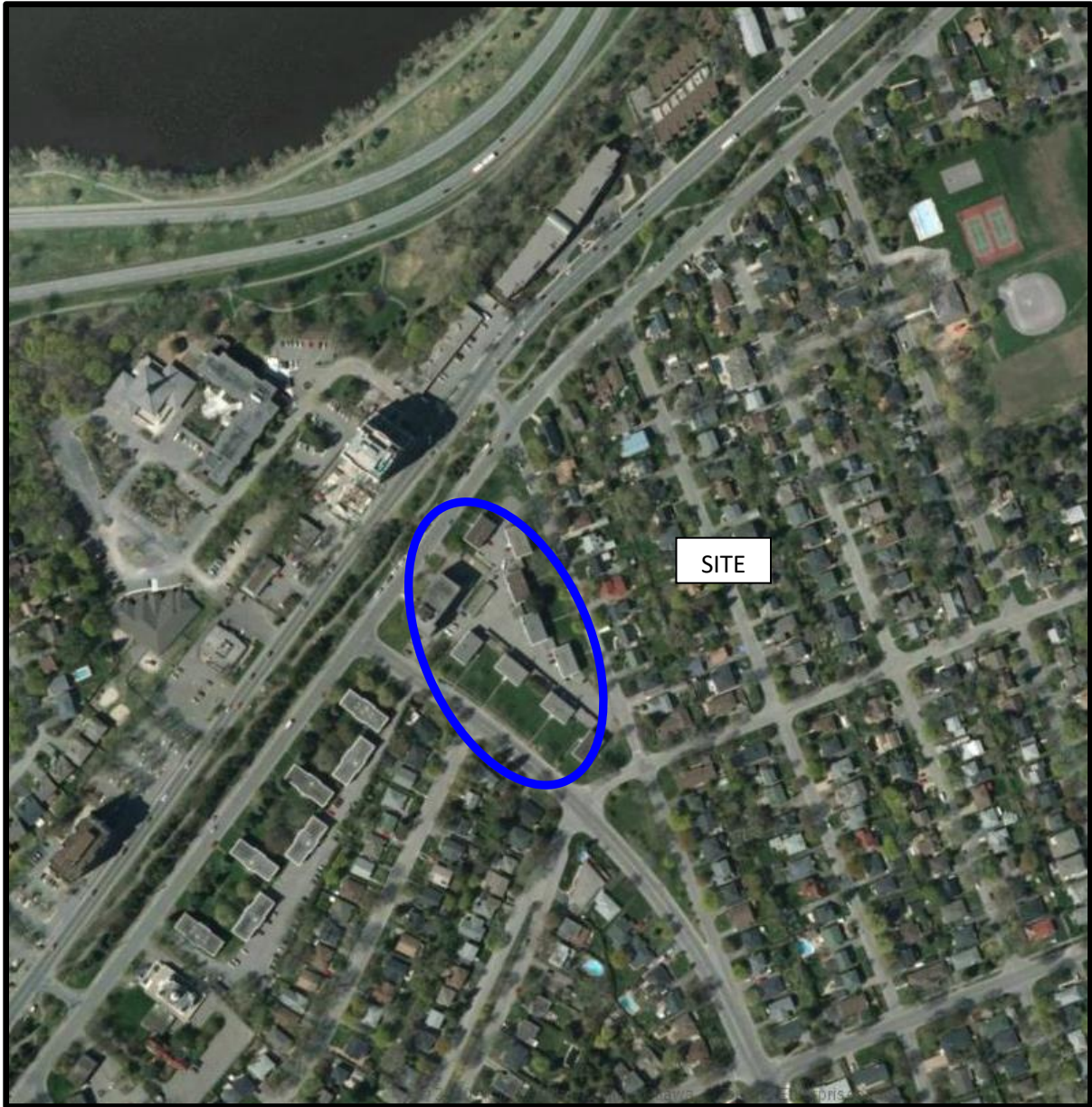
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1967



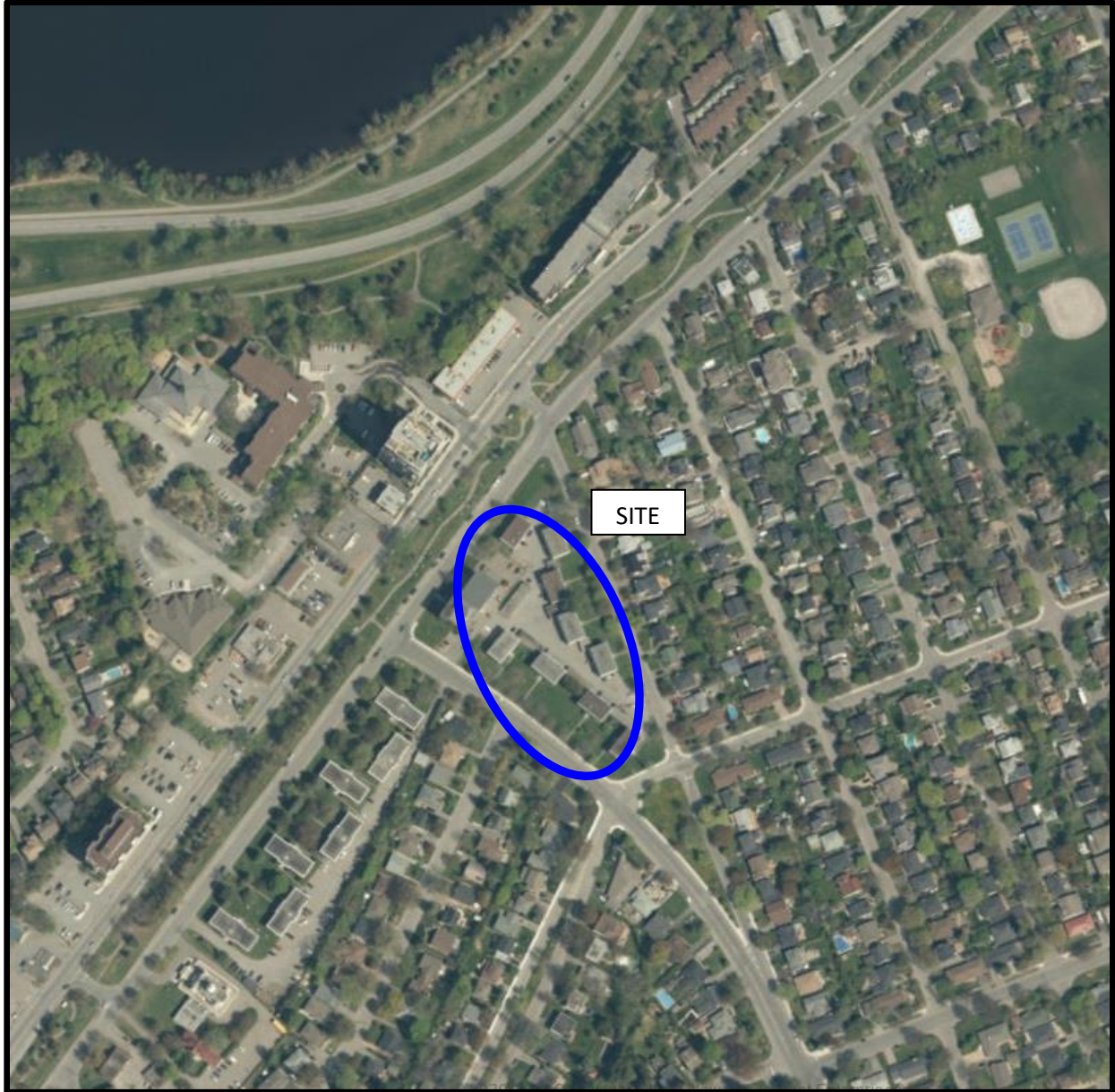
AERIAL PHOTOGRAPH
1986



AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2017

Site Photographs

PE49139

860 Byron Avenue; and 451, 463, 471 and 483 Sherbourne Road
Ottawa, ON

March 27, 2020



Photograph 1: View of the northern portion of 860 Byron Avenue, taken from Byron Avenue, looking east onto Redwood Avenue.



Photograph 2: Front view of the residential apartment building at 860 Byron Avenue.

Site Photographs

PE49139

860 Byron Avenue; and 451, 463, 471 and 483 Sherbourne Road
Ottawa, ON

March 27, 2020



Photograph 3: Private parking garage located on the north side of 455 Sherbourne Road.



Photograph 4: West view of 455 Sherbourne Road, taken from Sherbourne Road, looking northeast.

Site Photographs

PE49139

860 Byron Avenue; and 451, 463, 471 and 483 Sherbourne Road
Ottawa, ON

March 27, 2020



Photograph 5: View of 463 Sherbourne Road, looking northwest.



Photograph 6: View of 471 Sherbourne Road, looking northwest.

Site Photographs

PE49139

860 Byron Avenue; and 451, 463, 471 and 483 Sherbourne Road
Ottawa, ON

March 27, 2020



Photograph 7: View of the parking garages and 471 Sherbourne Road, located immediately south of 463 Sherbourne Road.

APPENDIX 2

MECP WELL RECORDS

HLUI RESPONSE

ERIS REPORT



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 1503940

Well Audit Number:

Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	OTTAWA CITY (NEPEAN)
Lot	028
Concession	OF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439810.70 Northing: 5025582.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	LOAM			0 ft	2 ft
	CLAY			2 ft	12 ft
	HPAN	BLDR		12 ft	90 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

Method of Construction & Well Use

Method of Construction	Well Use
Cable Tool	Domestic

Status of Well

Water Supply

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
6 inch	STEEL		75 ft
6 inch	OPEN HOLE		90 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 3728

Results of Well Yield Testing

After test of well yield, water was	CLEAR
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	17 GPM
Duration of Pumping	0 h:15 m
Final water level	15 ft
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	PUMP
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL	10 ft		
1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
90 ft	Fresh

Hole Diameter

Depth From	Depth To	Diameter
---------------	-------------	----------

Audit Number:

Date Well Completed: April 15, 1948

Date Well Record Received by MOE: January 05, 1950

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7292237

Well Audit Number: Z245021

Well Tag Number: A215081

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	747 RICHMOND RD BYRON LWEAR PARK
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439697.00 Northing: 5025668.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	SAND	GRVL		0 m	1.2 m
	CLAY	SILT		1.2 m	2.7 m
	SAND	TILL	SLTY	2.7 m	12.19 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
.3 m	8.8 m	BENTONITE	

Method of Construction & Well Use

Method of Construction	Well Use
H.S.A.	Monitoring

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.08 cm	PLASTIC		

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
5.88 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	

3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
9.82 m	Untested

Hole Diameter

Depth From	Depth To	Diameter
0 m	12.19 m	20.3 cm

Audit Number: Z245021

Date Well Completed: June 19, 2017

Date Well Record Received by MOE: August 09, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7305504

Well Audit Number: Z277510

Well Tag Number: A185781

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	747 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439729.00 Northing: 5025747.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	SAND		0 m	1.21 m
GREY	SILT	CLAY		1.21 m	8.22 m
GREY	TILL			8.22 m	10.66 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 7.31 m BENTONITE
7.31 m 10.66 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.62 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	7.62 m	10.66 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	10.66 m	20.95 cm

Audit Number: Z277510**Date Well Completed:** January 03, 2017**Date Well Record Received by MOE:** February 13, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7305505

Well Audit Number: Z277509

Well Tag Number: A185780

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	747 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439715.00 Northing: 5025746.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	SAND		0 m	1.21 m
GREY	SILT	CLAY		1.21 m	8.22 m
GREY	TILL			8.22 m	10.66 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	
.31 m	7.31 m	BENTONITE	
7.31 m	10.66 m	SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring
	Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.62 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	7.62 m	10.66 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	10.66 m	20.95 cm

Audit Number: Z277509

Date Well Completed: January 03, 2017

Date Well Record Received by MOE: February 13, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7305506

Well Audit Number: Z277501

Well Tag Number: A189874

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	747 RICHMOND RD
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18
	Easting: 439728.00
	Northing: 5025748.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL		HARD	0 ft	1 ft
BLCK	GRNT		HARD	1 ft	26 ft
GREY	TILL		HARD	26 ft	34.5 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	1 ft	CONCRETE	
1 ft	18 ft	HOLEPLUG	
18 ft	23.5 ft	BENTONITE	
23.5 ft	34.5 ft	SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
1.38 inch	PLASTIC	0 ft	24.5 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
1.66 inch	PLASTIC	24.5 ft	34.5 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 ft	28 ft	3.5 inch
28 ft	34.5 ft	2.375 inch

Audit Number: Z277501

Date Well Completed: January 14, 2018

Date Well Record Received by MOE: February 13, 2018

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7293181

Well Audit Number: Z258479

Well Tag Number: A182668

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	RICHMOND ROAD
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439750.00 Northing: 5025763.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL	SAND		0 m	.61 m
BRWN	SAND	GRVL		.61 m	3.1 m
BRWN	SILT	CLAY		3.1 m	4.57 m
GREY	SILT	SAND	GRVL	4.57 m	10.7 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 m	.31 m	CONCRETE / FLUSHMOUNT
.31 m	7 m	BENTONITE
7 m	10.7 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.62 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	7.62 m	10.7 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	10.7 m	20.23 cm

Audit Number: Z258479**Date Well Completed:** June 28, 2017**Date Well Record Received by MOE:** August 18, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7293182

Well Audit Number: Z258477

Well Tag Number: A182666

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	RICHMOND RD. & CLEARLY
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439709.00 Northing: 5025712.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL		LOOS	0 m	.31 m
BRWN	SAND		SOFT	.31 m	3.1 m
GREY	SILT	SAND	SOFT	3.1 m	8.2 m
GREY	SILT	SAND	DNSE	8.2 m	11 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 m	.31 m	CONCRETE / FLUSHMOUNT
.31 m	7.3 m	BENTONITE
7.3 m	11 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.9 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	7.9 m	11 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	11 m	20.23 cm

Audit Number: Z258477**Date Well Completed:** June 16, 2017**Date Well Record Received by MOE:** August 18, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7293198

Well Audit Number: Z258480

Well Tag Number: A182669

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	RICHMOND ROAD & CLEARY
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439738.00 Northing: 5025742.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL	SAND		0 m	.61 m
BRWN	SAND	GRVL		.61 m	3.1 m
BRWN	SILT	SAND		3.1 m	4.57 m
GREY	SAND	GRVL	SLTY	4.57 m	10.7 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 m	.31 m	FLUSHMOUNT/ CONCRETE
.31 m	7 m	BENTONITE
7 m	10.7 m	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.62 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	2.62 m	10.7 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth Kind

Hole Diameter

Depth From	Depth To	Diameter
0 m	10.7 m	20.23 cm

Audit Number: Z258480**Date Well Completed:** June 29, 2017**Date Well Record Received by MOE:** August 18, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7293199

Well Audit Number: Z258478

Well Tag Number: A182667

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	RICHMOND ROAD & CLEARY
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439739.00 Northing: 5025750.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL		LOOS	0 m	.31 m
BRWN	SAND	SILT	SOFT	.31 m	1.5 m
GREY	SAND		SOFT	1.5 m	7.62 m
GREY	SAND		DNSE	7.62 m	10.6 m
GREY	CSND		HARD	10.6 m	12.1 m

Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
-------	-------	----------------------	--------

From	To	(Material and Type)	Placed
0 m	.31 m	FLUSHMOUNT/ CONCRETE	
.31 m	8.5 m	BENTONITE	
8.5 m	12.1 m	SAND	

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	9.1 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	9.1 m	12.1 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 m	12.1 m	20.23 cm

Audit Number: Z258478

Date Well Completed: June 27, 2017

Date Well Record Received by MOE: August 18, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7293486
 Well Audit Number: C30073
 Well Tag Number: A215082

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439681.00 Northing: 5025762.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
-----------------	-----------------------	------------	----------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
---------------	-------------	----------

Audit Number: C30073

Date Well Completed: June 20, 2017

Date Well Record Received by MOE: August 29, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7295158
 Well Audit Number: C30093
 Well Tag Number: A183841

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18
	Easting: 439809.00
	Northing: 5025454.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
----------------	----------------------	-----------------	---------------------	------------	----------

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
-----------------	-----------------------	------------	----------

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
---	--	---	--

2		2	
---	--	---	--

3		3	
---	--	---	--

4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
---------------	-------------	----------

Audit Number: C30093

Date Well Completed: September 01, 2017

Date Well Record Received by MOE: September 22, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7296572

Well Audit Number: Z250788

Well Tag Number: A189927

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	BYRON LINEAR PARK
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439650.00 Northing: 5025607.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	GRVL	SOFT	0 ft	1.21 ft
BRWN	SILT	SAND	GRVL	1.21 ft	2.43 ft
GREY	SILT		WBRG	2.43 ft	4.57 ft
GREY	SILT	GRVL	WBRG	4.57 ft	7.31 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
------------	----------	--	---------------

0 ft	.31 ft	CONCRETE /FLUSHMOUNT
.31 ft	3.96 ft	BENTONITE
3.96 ft	7.31 ft	SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 inch	PLASTIC	0 ft	4.26 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 inch	PLASTIC	4.26 ft	7.31 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 ft	7.31 ft	15.24 inch

Audit Number: Z250788**Date Well Completed:** September 14, 2017**Date Well Record Received by MOE:** October 05, 2017

Updated: January 24, 2020



Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the [Open Data catalogue](#).

[Go Back to Map](#)

Well ID

Well ID Number: 7296573

Well Audit Number: Z250787

Well Tag Number: A189915

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	BYRON LINEAR PARK
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 439634.00 Northing: 5025515.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	GRVL	SOFT	0 ft	1.21 ft
BRWN	SILT	SAND	GRVL	1.21 ft	2.43 ft
GREY	SILT	GRVL	WBRG	2.43 ft	5.79 ft

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	.31 ft	CONCRETE /FLUSHMOUNT	

.31 ft 2.43 ft BENTONITE
2.43 ft 5.79 ft SAND

Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 inch	PLASTIC	0 ft	2.74 ft

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 inch	PLASTIC	2.74 ft	5.79 ft

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1	1
2	2
3	3
4	4
5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

Water Details

Water Found at Depth	Kind
----------------------	------

Hole Diameter

Depth From	Depth To	Diameter
0 ft	5.79 ft	15.24 inch

Audit Number: Z250787**Date Well Completed:** September 14, 2017**Date Well Record Received by MOE:** October 05, 2017

Updated: January 24, 2020

UTM 18 439880 E

9 5025350 N

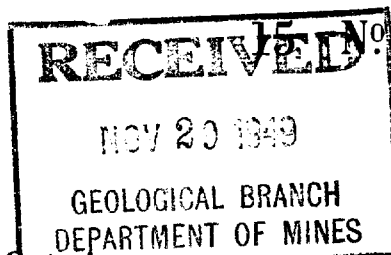
Elev. 19 0220

Basin 25



The Well Drillers Act

Department of Mines, Province of Ontario



3883

Water Well Record

Con. Lot 24 Pt. Lot OTTAWA

Keenan St Acres

Date Completed 7/7/49 Cost of Well (not including pump) 587.00

Pipe and Casing Record

Casing diameter(s) 5"
Length(s) of casing(s) 2'
Length of screen 2' 1/2"
Type of screen
Type of pump
Capacity of pump
Depth of pump setting

Pumping Test

Date
Developed Capacity
Duration of Test
Pumping Rate
Drawdown
Static level of completed well 27'
Is well a gravel-wall type? no

Water Record

Kind (fresh or mineral) Fresh
Quality (hard, soft, contains iron, sulphur etc.) Hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic
How far is well from possible source of contamination? 50 feet
What is source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
167	good	140

Well Log

Drift and Bedrock Record

From To

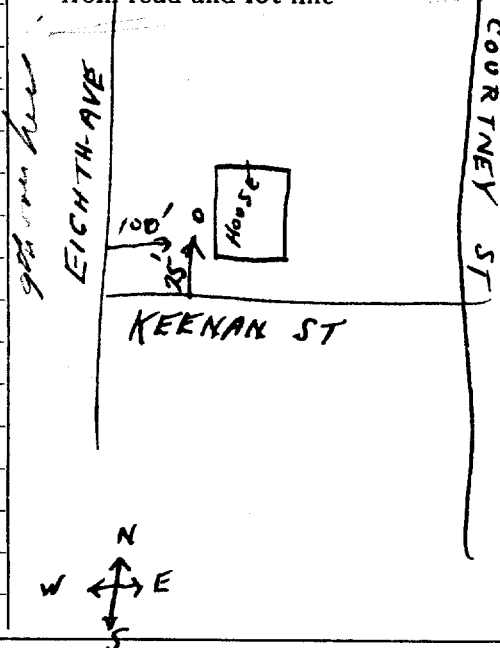
0 ft. 98 ft.

clay
boulders
clay
boulders
clay
limestone

50 55
55 70
70 75
75 98
98 170

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Upland

Drilling Firm Blair Phillips

Address 614 Gilman St

Recorded by Blair Phillips

Date 4 Oct. 1949

Address 614 Gilman St

Licence Number 407

UTM 18 439805 E
9R 502513 40 N
Elev. 9R 0215
Basin 25

61



ONTARIO

ASE 306

15 No 3909

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DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or District Carleton Town Mossburn Con. 1 Lot 27 Pt. Lot 27
4.6 Acres 1/4 Acres
including pump) 225.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4</u>	Date <u>2-27-71</u>
Length(s) of casing(s) <u>50 ft</u>	Developed Capacity <u>2</u>
Length of screen <u>2</u>	Duration of Test <u>2 hours</u>
Type of screen <u>5.00 gal. hour</u>	Pumping Rate <u>5 ft</u>
Type of pump <u>Static level of completed well</u>	Drawdown <u>9 ft</u>
Capacity of pump	Is well a gravel-wall type?
Depth of pump setting	

Water Record

Kind (fresh or mineral) <u>Fresh</u>	Depth(s) to Water Horizon(s) <u>40</u>	Kind of Water <u>Fresh</u>	No. of Feet Water Rises <u>60</u>
Quality (hard, soft, contains iron, sulphur etc.)			
Appearance (clear, cloudy, coloured) <u>clear</u>			
For what purpose(s) is the water to be used? <u>Domestic</u>			
How far is well from possible source of contamination? <u>35 ft</u>			
What is source of contamination? <u>Septic tank</u>			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Drift and Bedrock Record

From

To

40 feet of Clay
20 feet of sand & gravel
30 feet of gravel

0 ft.

40 ft.

40

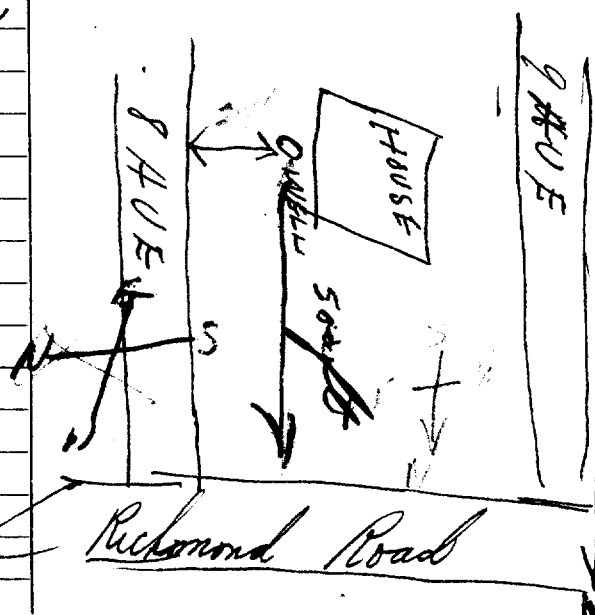
60

60

90

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Upland
Drilling Firm Mulligan Bros.
Address Westford Ont.
Recorded by S.H. Mulligan
Date 2-27-71
Licence Number

Licence Number

UTM 18 2 4398 15 E

9 R 5025520 N

Elev. 9 R 02110

Basin 25



ASE 306

15 No 3911

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DEPARTMENT OF MINES

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or District Carleton Place To McKellar Con. 27 Lot 27 Pt. Lot 1/4
1/4 Acres 1/4
including pump) 3/8.50

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>5"</u>	Date
Length(s) of casing(s) <u>15'</u>	Developed Capacity
Length of screen	Duration of Test
Type of screen	Pumping Rate
Type of pump	Drawdown
Capacity of pump	Static level of completed well <u>32'</u>
Depth of pump setting <u>75'</u>	Is well a gravel-wall type?

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.) <u>fresh soft</u>			
Appearance (clear, cloudy, coloured) <u>clear</u>			
For what purpose(s) is the water to be used? <u>Domestic</u>			
How far is well from possible source of contamination? <u>50'</u>			
What is source of contamination? <u>cess pool</u>			
Enclose a copy of any mineral analysis that has been made of water <u>nil</u>			

Well Log

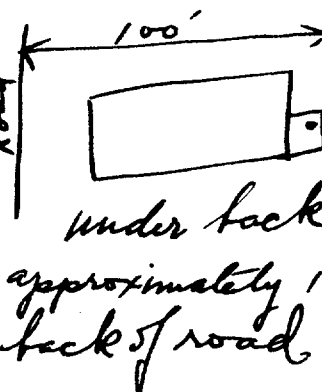
Drift and Bedrock Record

From	To
0 ft.ft.

<u>blue clay</u>	<u>0</u>	<u>12</u>
<u>Hard Pan</u>	<u>12</u>	<u>16</u>
<u>blue clay</u>	<u>16</u>	<u>63</u>
<u>gravel</u>	<u>63</u>	<u>77</u>

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? valley
Drilling Firm Blair Phillips
Address 614 Simons St.
Recorded by Bert Wellman Address 578 Westminster Ottawa
Date 23 April 1948 Licence Number

UTM 18 0 4 3 9 8 3 0 E
9 3 5 0 2 5 4 0 0 N
Elev. 9 0 2 1 5
Basin 25

unacceptable



ONTARIO

31 G 5 f

15 No

3913

The Well Drillers Act

Department of Mines, Province of Ontario

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DEPARTMENT OF MINES

Water Well Record

County or District Carleton To Mansean Con. 5.08 Lot 27 Pt. Lot 1
6 Elgin St Acres 1/4
including pump 225.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4</u>	Date
Length(s) of casing(s) <u>20</u>	Developed Capacity
Length of screen	Duration of Test <u>1-1/2 hour</u>
Type of screen	Pumping Rate <u>400-450</u>
Type of pump	Drawdown <u>6-7 ft</u>
Capacity of pump	Static level of completed well <u>10 ft</u>
Depth of pump setting	Is well a gravel-wall type?

Water Record

Kind (fresh or mineral) <u>Fresh</u>	Depth(s) to Water Horizon(s) <u>90</u>	Kind of Water <u>Fresh</u>	No. of Feet Water Rises <u>80</u>
Quality (hard, soft, contains iron, sulphur etc.)			
Appearance (clear, cloudy, coloured) <u>clear</u>			
For what purpose(s) is the water to be used? <u>Domestic</u>			
How far is well from possible source of contamination? <u>35 ft</u>			
What is source of contamination? <u>Septic tank</u>			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Drift and Bedrock Record

From

To

0 ft.

40 ft.

40

60

60

90

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Upland
Drilling Firm Mulligan Bros
Address Waltham Ont
Recorded by A. Mulligan Address Waltham Ont
Date _____ Licence Number _____

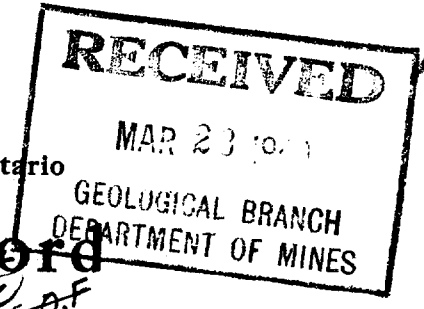
UTM 18 439800 E
9 35925500 N
Elev. 9 0215
Basin 25

60 3165f



15 No 39f4

The Well Drillers Act
Department of Mines, Province of Ontario



Water Well Record

County or District Carleton To Albion Con. 1.0 Lot 27 Pt. Lot 1
Island Road Acres 1/4
including pump) 150.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4"</u>	Date
Length(s) of casing(s) <u>20ft</u>	Developed Capacity
Length of screen	Duration of Test <u>1 hr</u>
Type of screen	Pumping Rate <u>25 gals - 3.00 gals</u>
Type of pump	Drawdown <u>5 ft</u>
Capacity of pump	Static level of completed well <u>28 ft</u>
Depth of pump setting	Is well a gravel-wall type?

Water Record

Kind (fresh or mineral) <u>Fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.)	<u>90</u>	<u>Fresh</u>	<u>27</u>
Appearance (clear, cloudy, coloured) <u>Clear</u>			<u>62</u>
For what purpose(s) is the water to be used? <u>Domestic</u>			
How far is well from possible source of contamination? <u>30 ft</u>			
What is source of contamination? <u>Septic Tank</u>			
Enclose a copy of any mineral analysis that has been made of water			

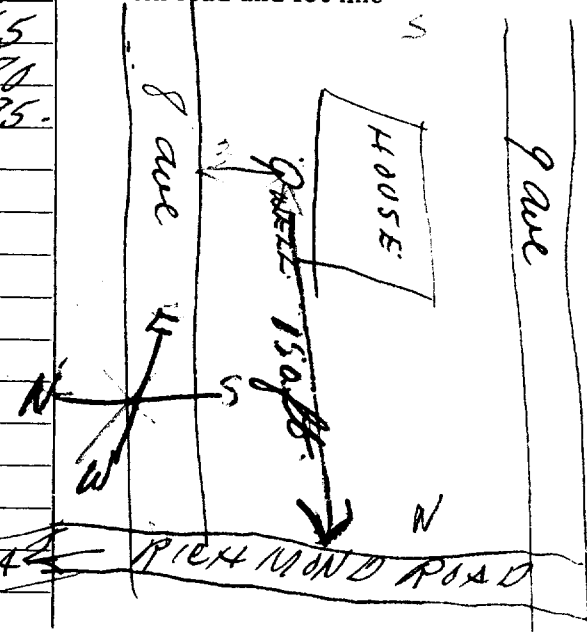
Well Log

Drift and Bedrock Record

	From	To
<u>80 ft Clay</u>	<u>0 ft</u>	<u>50 ft</u>
<u>15 ft sand & gravel</u>	<u>50</u>	<u>65</u>
<u>15 ft Clay</u>	<u>65</u>	<u>80</u>
<u>15 ft gravel</u>	<u>80</u>	<u>95</u>

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm W. Mulligan Bros.
Address Westford, Ont.
Recorded by W. Mulligan Address Westford, Ont.
Date

Date Licence Number

1992

66



31G 5f

15 №

3917

Basin 25

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GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Records

OTTAWA

County or District. Chickston To Neenan Con. 7 Lot 27 Pt. Lot

41. Island Park, Inc. Acres. $\frac{1}{4}$ acre
(including pump) \$250.00

Pipe and Casing Record

Pumping Test

Casing diameter(s)	4"	Date	
Length(s) of casing(s)	21 ft	Developed Capacity	
Length of screen		Duration of Test	1 to 2 hours
Type of screen		Pumping Rate	350 to 400 gals. hour
Type of pump		Drawdown	2 ft
Capacity of pump		Static level of completed well	6 ft
Depth of pump setting		Is well a gravel-wall type?	

Water Record

Kind (fresh or mineral)	<i>Fresh</i>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.)		<i>90</i>	<i>Fresh</i>	<i>84</i>
Appearance (clear, cloudy, coloured)	<i>Clear</i>			
For what purpose(s) is the water to be used?	<i>Irrigation</i>			
How far is well from possible source of contamination?	<i>Septic Tank</i>			
What is source of contamination?				
Enclose a copy of any mineral analysis that has been made of water				

Well Log

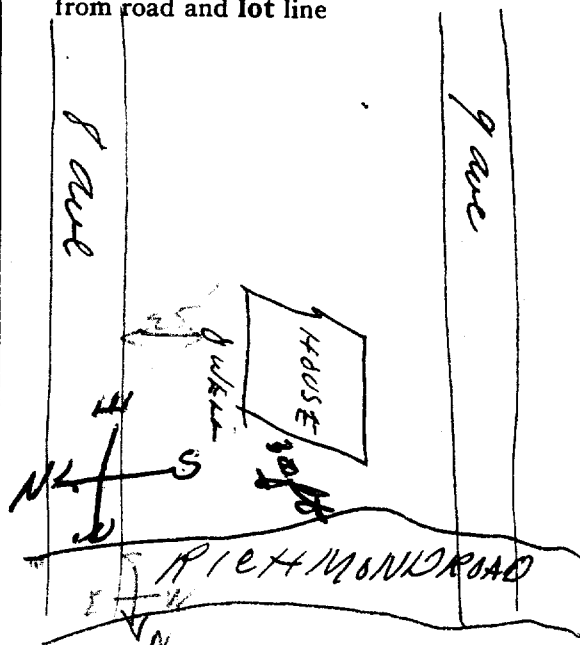
Drift and Bedrock Record

From	To
0/ ft.	5.1 ft.

50' clay
15 ft of hard pan
15 ft of clay
15 ft of gravel

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? *Upland*
 Drilling Firm *Mulligan Bros*
 Address *Westboro P. O. Ont*
 Recorded by *A. P. Mulligan* Address *Westboro Ont*
 Date _____ Licence Number _____

Situation: Is well on upland, in valley, or on hillside? *upland*
Drilling Firm *Mulligan Bros*
Address *Westford P. O. Ont*
Recorded by *J. B. Mulligan* Address *Westford Ont*
Date _____ Licence Number _____

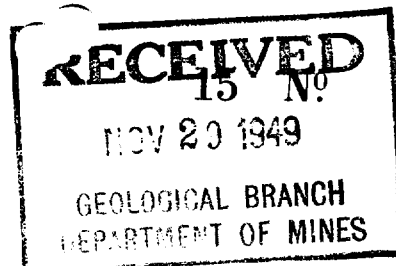
UTM 18 439870
9R 5025420N
Elev. 9R 0215
Basin 25



The Well Drillers Act

Department of Mines, Province of Ontario

3125f



3920

Water Well Record

OTTAWA

Con. Lot 27 Pt. Lot

55-8th Ave. Acres

(not including pump) 389.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) 5"
Length(s) of casing(s) 21 feet
Length of screen 21 ft
Type of screen
Type of pump
Capacity of pump
Depth of pump setting

Date
Developed Capacity
Duration of Test
Pumping Rate
Drawdown
Static level of completed well 7 feet
Is well a gravel-wall type? No

Water Record

Kind (fresh or mineral) Fresh
Quality (hard, soft, contains iron, sulphur etc.) Hard
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used? Domestic
How far is well from possible source of contamination? 50 feet
What is source of contamination? Septic Tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
97 ft		90

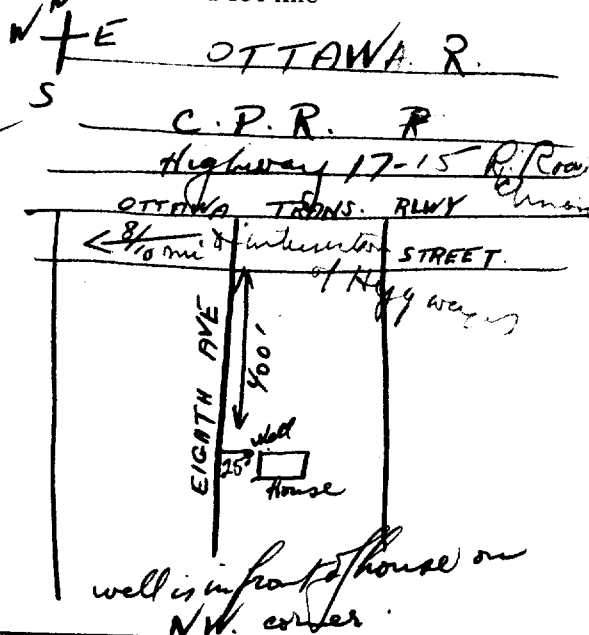
Well Log

Drift and Bedrock Record

	From 0 ft.	Toft.
Clay	0	54
Boulders	54	75
Clay	75	96
Limestone	96	98

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Upland

Drilling Firm Blair Phillips

Address 614 Gilman St

Recorded by Blair Phillips

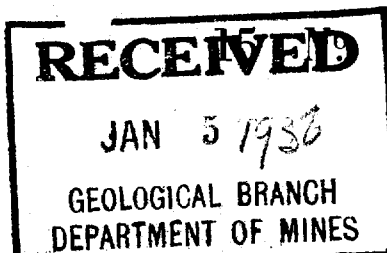
Date 29 Oct 49

Address 614 Gilman St

Licence Number 407



31G5f



3928

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

OTTAWA

Con. . . . Lot 27 Pt. Lot L

8th Ave. Woodhope Acres

7/1/11 [REDACTED] (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s)	4"	Date	Nov 10/19
Length(s) of casing(s)	75 ft.	Developed Capacity	1000 gal p. h.
Length of screen		Duration of Test	15 min.
Type of screen		Pumping Rate	750 gal P.R.
Type of pump		Drawdown	5 ft.
Capacity of pump		Static level of completed well	10 ft.
Depth of pump setting		Is well a gravel-wall type?	Yes

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.)	80 ft.	hard	70 ft.
Appearance (clear, cloudy, coloured)			
For what purpose(s) is the water to be used?			
How far is well from possible source of contamination?			
What is source of contamination?			
Enclose a copy of any mineral analysis that has been made of water			

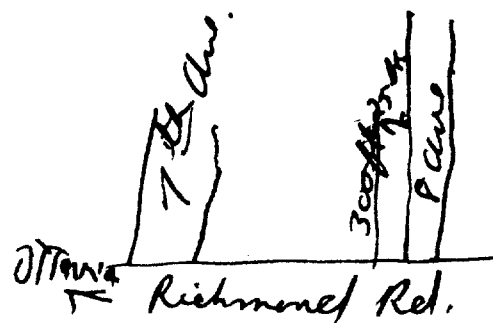
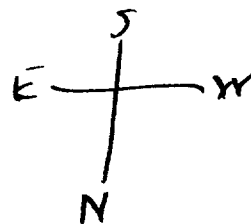
Well Log

Drift and Bedrock Record

From	To
0 ft.	2 ft.
21	12
12	90

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? level - land
 Drilling Firm Mulligan Bros.
 Address R.R. #1 Western Ave.
 Recorded by A. Stoodley Address 494 Preston St.
 Date _____ Licence Number _____

UTM 18 2 4 3 9 8 0 0 E

9 R 5 0 2 5 3 0 0 N

Elev. 9 R 0 2 0 5

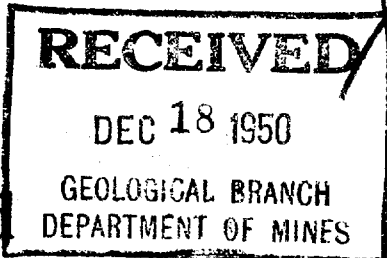
Basin 2 5



ONTARIO

ASE 306

15 No 3931



The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

CARLETON, OTTAWA AREA

County or Territorial District

Township, Village, Town or City

Town or City

St. Ottawa

Date Completed DEC 18 1950 (day) (month) (year) Cost of well (excluding pump)

DEC FOR PUB WIT

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4
Length(s) of casing(s) 100 ft
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type? no
Date forget
Static level 6 ft from ground level
Pumping level 10 ft
Pumping rate 100 gal per minute
Duration of test 1 hr
Distance from cylinder or bowls to ground level 12 ft

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
fresh	150 ft	hard	144 ft
Quality (hard, soft, contains iron, sulphur, etc.) hard			
Appearance (clear, cloudy, coloured) clear, rusty colour			
For what purpose(s) is the water to be used? domestic			
How far is well from possible source of contamination? 35 ft			
What is the source of contamination? septic tank			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Overburden and Bedrock Record

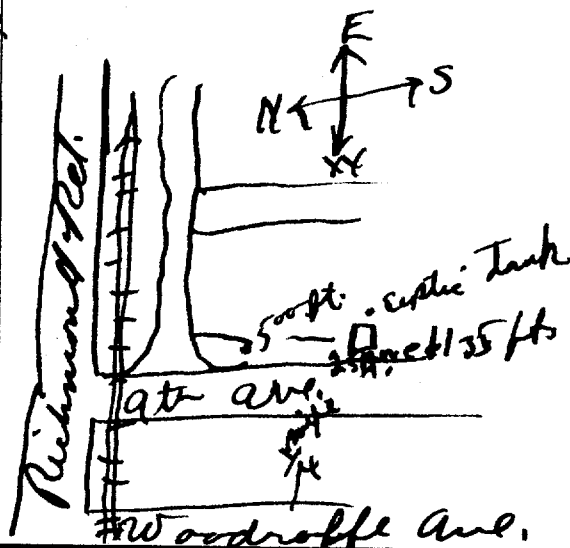
From

To

Topsoil	0 ft.	5 ft.
Clay (blue)	5 ft.	40 ft.
hardpan & boulders	40 ft.	100 ft.
limestone rock (brown)	100 ft.	150 ft.

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? level land
Drilling Firm Stuart Mulligan
Address R.R. #1 Westboro Ont.
Name of Driller Lloyd Stoodley Address 494 Preston St.
Date 9 Nov 1949 Licence Number

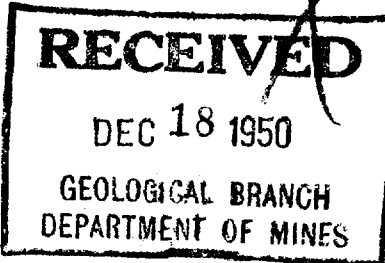
Mr. F. Stoodley
Signature of Licensee

UTM 1182 4391820 E
9R 5025330 N
Elev. 9R 02115
Basin 25



ASE 306

15 No 8933



The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or Territorial District CARLETON Township, Village, Town or City NEPEAN
Woodroffe Town or City Ottawa
Date Completed DEC 18 1950 (day) (month) (year) Cost of well (excluding pump) 43.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 in Date 60 ft from ground level
Length(s) of casing(s) 60 ft Static level 10 ft
Type of screen 100 gal per minute
Length of screen 1 hr
Distance from top of screen to ground level 21 ft
Is well a gravel-wall type? yes

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic
How far is well from possible source of contamination? 35 ft
What is the source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water.

Well Log

Overburden and Bedrock Record

From

To

Top soil
Clay (blue)
Clay (hard pan boulders)
40 ft water at 60 ft in gravel

0 ft

2 ft

40

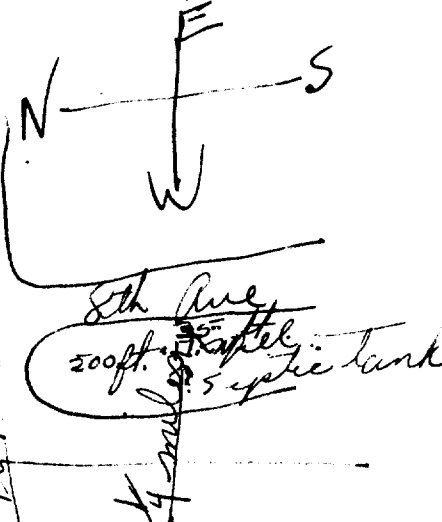
40 ft

40

60 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



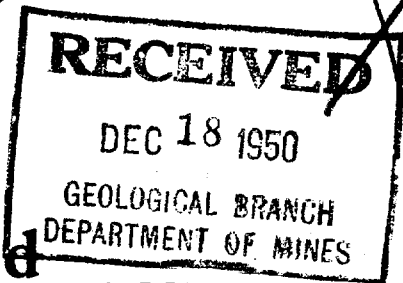
Situation: Is well on upland, in valley, or on hillside? level land
Drilling Firm Stewart H. Mulligan
Address R.R. #1, Westboro, Ont.
Name of Driller W. J. Stodley Address 494 Preston St.
Date Dec 18 1950 Licence Number ...
Signature of Licensee W. J. Stodley

UTM 118Z 439181210E
9R 50253310N
Elev. 9R 02115
Basin 2S



ASE 306

15 N° 3936



The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

Carleton Place NEPEAN OTTAWA
County, Township, District, Village, Town or City
8th Ave Woodroffe
43 St Elgin St Ottawa
Date Completed DEC 18 1950 Cost of Well (excluding pump) DEC FOR PUB

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 in
Length(s) of casing(s) 60 ft
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type? Yes
Date
Static level 6 ft from ground level
Pumping level 10 ft
Pumping rate 100 gpm permitted
Duration of test 1 hr
Distance from cylinder or bowls to ground level 21 ft

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
fresh	60 ft	hard	54 ft
Quality (hard, soft, contains iron, sulphur, etc.)			
Appearance (clear, cloudy, coloured)			
For what purpose(s) is the water to be used?			
How far is well from possible source of contamination?			
What is the source of contamination?			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Overburden and Bedrock Record

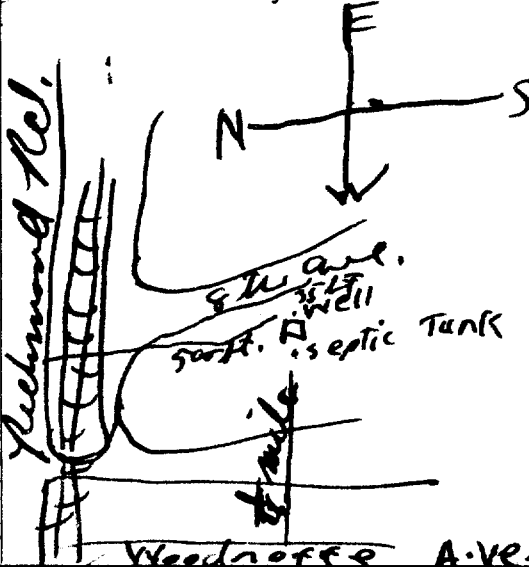
From

To

Top soil 0 ft. 5 ft.
Clay (shale) 5 40 ft
Gravel with boulders 40 60 ft
got water in gravel at 60 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.

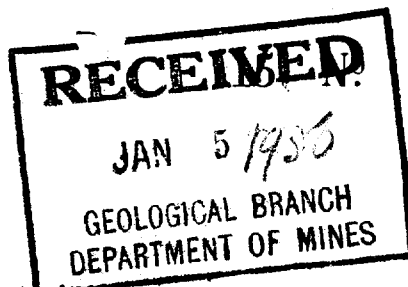


Situation: Is well on upland, in valley, or on hillside? Top of hill
Drilling Firm: J. Mulholland
Address: R. R. #1 Westboro Ont.
Name of Driller: J. Mulholland Address: 444 Preston St
Date: 12/18/50 Licence Number: 1949
Signature of Licensee: Mr. J. Mulholland

UTM 18 12 43917910 E
9 50254210 N
Elev. 1 R 0215
Basin 25



ASE 306



3941

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

OTTAWA

Con. 40 F Lot 28 Pt. Lot

8 1/2 Acre

Acres

Date completed 7/7/55 Cost of well (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) of casing(s) 45 ft
Length of screen
Type of screen
Type of pump
Capacity of pump
Depth of pump setting

Date
Developed Capacity 1000 g.p.h.
Duration of Test 15 min
Pumping Rate 250 g.p.h.
Drawdown 5 ft
Static level of completed well 10 ft
Is well a gravel-wall type? yes

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic
How far is well from possible source of contamination? 30 ft
What is source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
90 ft.	hard	80 ft.

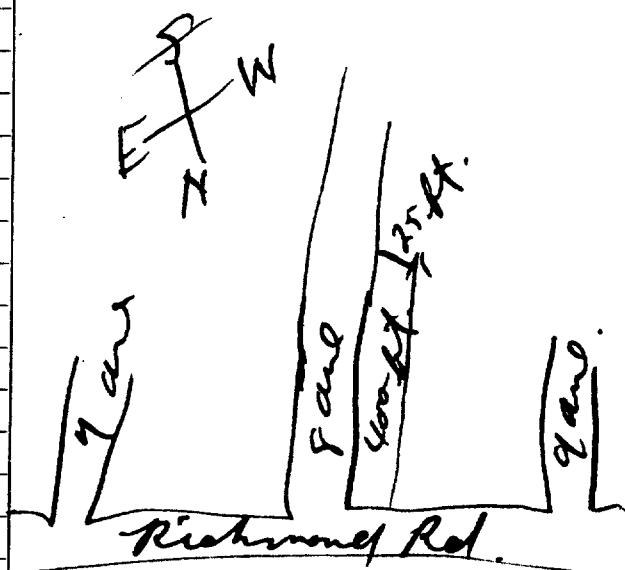
Well Log

Drift and Bedrock Record

	From	To
	0 ft.	2 ft.
Topsoil		
Clay	2	12
hardpan & boulders	12	90

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? level land

Drilling Firm Mulligan Bros

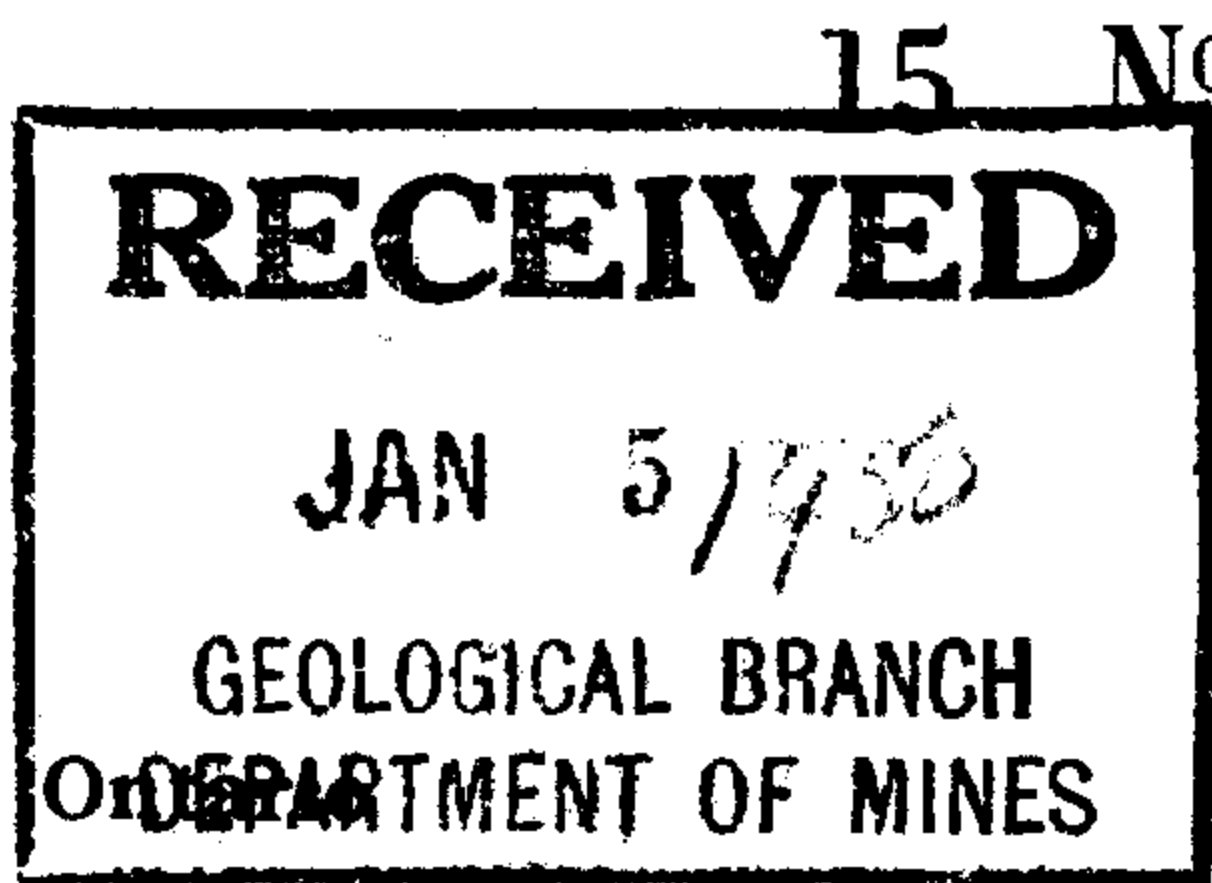
Address R.R. #1 Westboro Ont

Recorded by F. Stouchly

Address 429 Preston St. Ott.

Date Licence Number

UTM *18* Z *439820* E
Elev. *91* *02110*
Basin *25*



3942

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

OTTAWA

County or District *Carleton* Town *Nepean* Con. *10.5* Lot *28* Pt. Lot *1*
Own *[redacted]* Address *8th. Ave.* Acres *[redacted]*
Date Completed *May 1948* Cost of Well (not including pump) *[redacted]*

Pipe and Casing Record

Pumping Test

Casing diameter(s) <i>4"</i>	Date <i>May 1948</i>
Length(s) of casing(s) <i>75 ft.</i>	Developed Capacity <i>1000 g.p.h.</i>
Length of screen	Duration of Test <i>15 min.</i>
Type of screen	Pumping Rate <i>950 g.p.h.</i>
Type of pump	Drawdown <i>5 ft.</i>
Capacity of pump	Static level of completed well <i>10 ft. from top.</i>
Depth of pump setting	Is well a gravel-wall type? <i>yes</i>

Water Record

Kind (fresh or mineral) <i>fresh</i>	Depth(s) to Water Horizon(s) <i>90 ft.</i>	Kind of Water <i>hard</i>	No. of Feet Water Rises <i>80</i>
Quality (hard, soft, contains iron, sulphur etc.) <i>hard</i>			
Appearance (clear, cloudy, coloured) <i>clear</i>			
For what purpose(s) is the water to be used? <i>domestic</i>			
How far is well from possible source of contamination? <i>30 ft.</i>			
What is source of contamination? <i>septic tank</i>			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

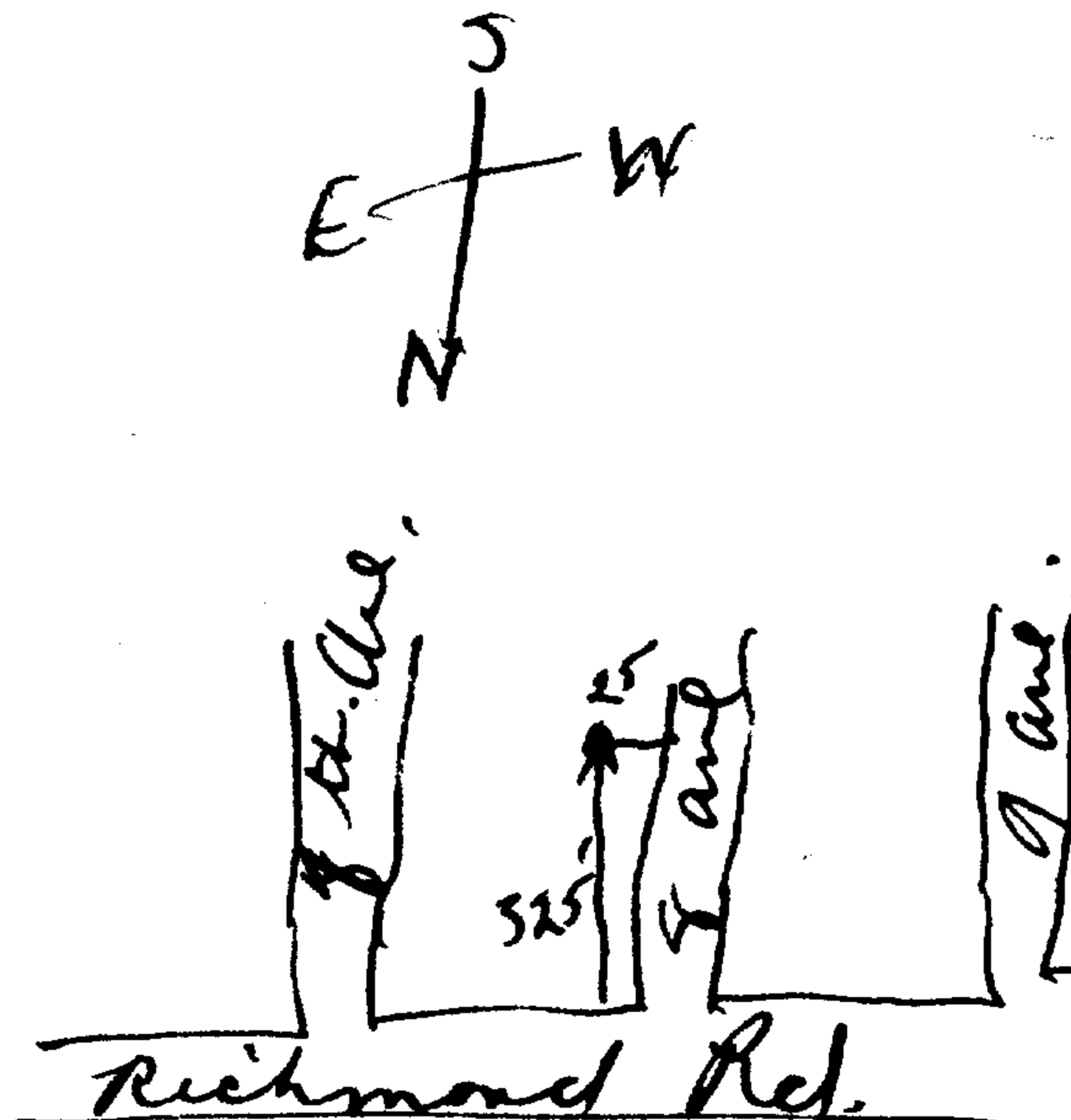
Drift and Bedrock Record

From To
0 ft. 2 ft.

<i>topsoil</i>	0	2
<i>Clay</i>	2	12
<i>hardpan & boulders</i>	12	90

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? *level land*
Drilling Firm *Mulligan Bros.*
Address *R.R. #1. Weatherford Ont.*
Recorded by *A. Stoodley* Address *494 Preston St.*
Date *[redacted]* Licence Number *[redacted]*

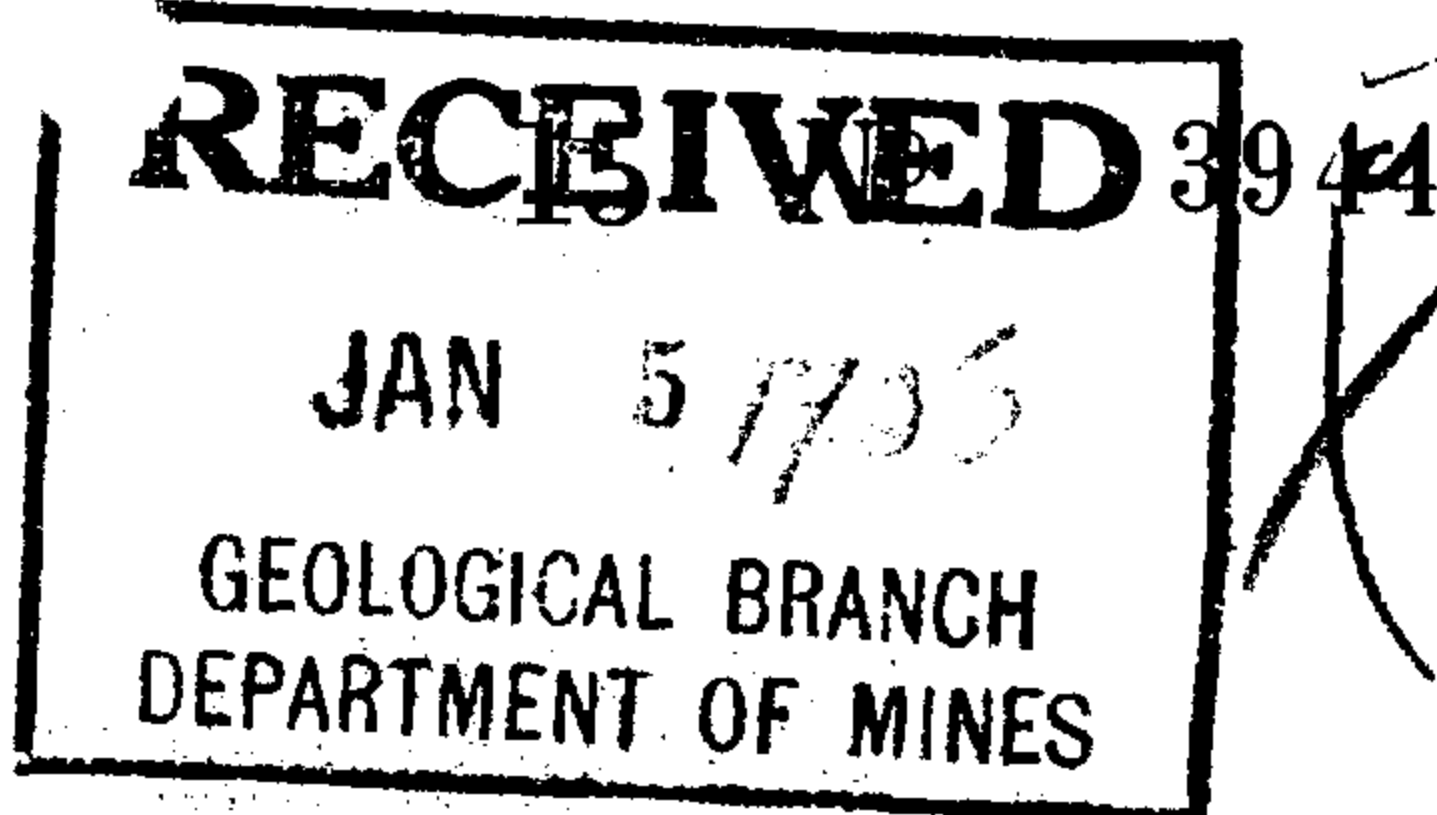
18 4397810 E
9 R 50254610 N
v. 9 R 0205
sin 25

ASE 306



The Well Drillers Act

Department of Mines, Province of Ontario



Water Well Record OTTAWA

County or District: Carleton To: Keegan Con: J.F. Lot: 28 Pt. Lot: ✓
Owner: [redacted] Address: 8th Ave. Woodroffe Acres: ✓
Date Completed: May 19/1948 Cost of Well (not including pump):

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4"</u>	Date <u>7-10-48</u>
Length(s) of casing(s) <u>15 ft.</u>	Developed Capacity <u>1000 g.p.h.</u>
Length of screen <u> </u>	Duration of Test <u>15 min.</u>
Type of screen <u> </u>	Pumping Rate <u>750 g.p.h.</u>
Type of pump <u> </u>	Drawdown <u>5 ft.</u>
Capacity of pump <u> </u>	Static level of completed well <u>10 ft.</u>
Depth of pump setting <u> </u>	Is well a gravel-wall type? <u>yes</u>

Water Record

Kind (fresh or mineral) <u>fresh</u>	Depth(s) to Water Horizon(s) <u>90 ft.</u>	Kind of Water <u>hard</u>	No. of Feet Water Rises <u>80 ft.</u>
Quality (hard, soft, contains iron, sulphur etc.) <u>hard</u>			
Appearance (clear, cloudy, coloured) <u>clear</u>			
For what purpose(s) is the water to be used? <u>domestic</u>			
How far is well from possible source of contamination? <u>30 ft.</u>			
What is source of contamination? <u>septic tank</u>			
Enclose a copy of any mineral analysis that has been made of water <u> </u>			

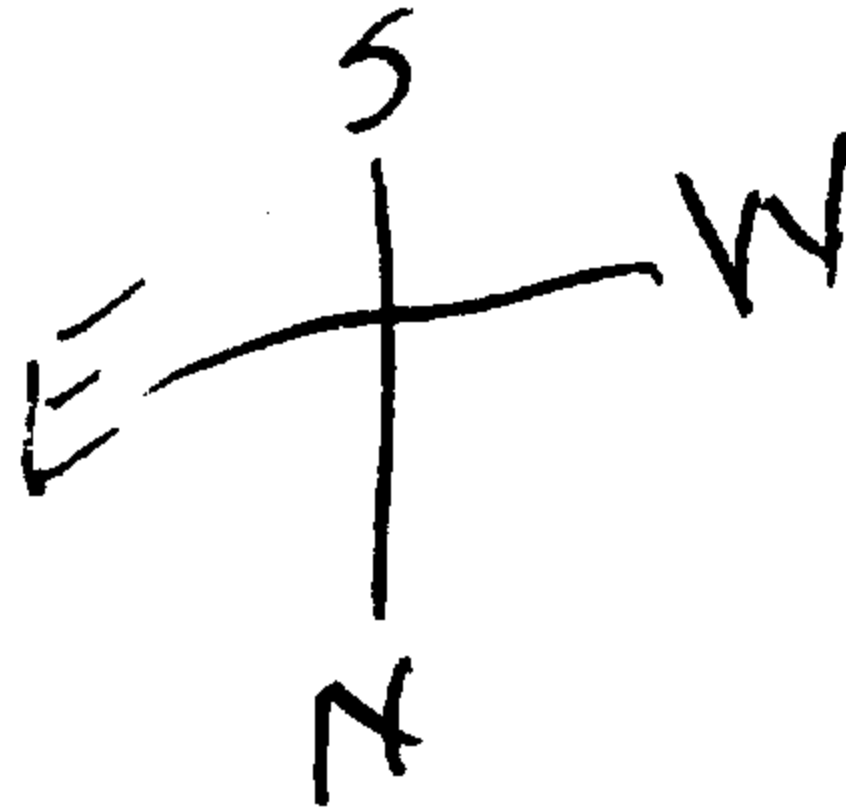
Well Log

Drift and Bedrock Record

	From	To
<u>Topsoil</u>	<u>0 ft.</u>	<u>2 ft.</u>
<u>clay</u>	<u>2</u>	<u>12</u>
<u>hardpan & boulders</u>	<u>12</u>	<u>90</u>

Location of Well

In diagram below show distances of well from road and lot line



Trans.
Richmond Rd.
8 am
30 ft.
9 am

Situation: Is well on upland, in valley, or on hillside? level land
Drilling Firm Mulligan Bros.
Address R.R. #1 Westboro Ont.
Recorded by Floyd Stoddley Address 494 Preston St.
Date Licence Number

UTM 118 2 43 9 7 2 5 E

9 R 5 0 2 5 4 1 0 N

Elev. 119 R 0 2 1 5

Basin 2 5

316/54



ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

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GEOLOGICAL BRANCH
DEPARTMENT OF MINES

3951

Water Well Record

OTTAWA

Con. 50 ft Lot 28 Pt. Lot

Acres

Cost of Well (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) of casing(s) 100 ft.
Length of screen
Type of screen
Type of pump
Capacity of pump
Depth of pump setting

Date July 14/49
Developed Capacity
Duration of Test 1/2 hr
Pumping Rate 15.0 gals per min
Drawdown 2 feet
Static level of completed well 1.0 feet
Is well a gravel-wall type? No

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur etc.) hard
Appearance (clear, cloudy, coloured)
For what purpose(s) is the water to be used? domestic
How far is well from possible source of contamination? 30 ft
What is source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
110 ft.	hard	100 ft.

Well Log

Drift and Bedrock Record

From

To

Topsoil

0 ft.

2 ft.

Clay

2

17

Hardpan & boulders

17

100

London Rock

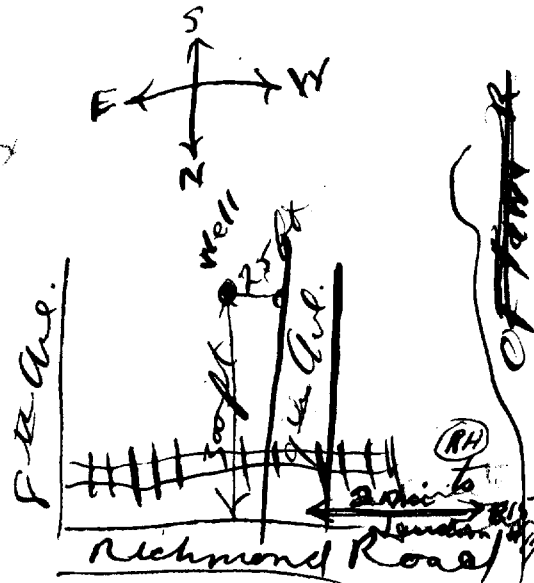
finished

100

115

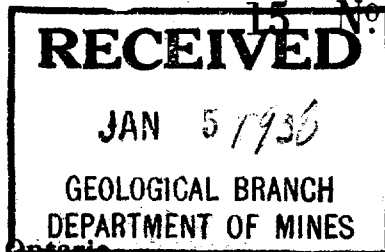
Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? leveland
Drilling Firm Mulligan Bros
Address R.R. #1 Westboro Ont
Recorded by Floyd Stoddy Address 4949 Preston St
Date Licence Number

Upp. file 18
Z 439920^E
9^R 50255110^N
Elev. 9^R 02110
Basin 25



The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

OTTAWA

Con. 50th Lot 28 Pt. Lot
Acres
Date Completed Cost of well (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4"</u>	Date <u>Dec. 5/49</u>
Length(s) of casing(s) <u>72 ft</u>	Developed Capacity <u> </u>
Length of screen <u> </u>	Duration of Test <u>1/2 hour</u>
Type of screen <u> </u>	Pumping Rate <u>1/2 gpm</u>
Type of pump <u> </u>	Drawdown <u>2 feet</u>
Capacity of pump <u> </u>	Static level of completed well <u>22 ft</u>
Depth of pump setting <u> </u>	Is well a gravel-wall type? <u> </u>

Water Record

Kind (fresh or mineral) <u>fresh</u>	Depth(s) to Water Horizon(s) <u>95 ft</u>	Kind of Water <u>fresh</u>	No. of Feet Water Rises <u>73</u>
Quality (hard, soft, contains iron, sulphur etc.) <u> </u>			
Appearance (clear, cloudy, coloured) <u>Clear</u>			
For what purpose(s) is the water to be used? <u>house hold</u>			
How far is well from possible source of contamination? <u>110 ft</u>			
What is source of contamination? <u>Septic Tank</u>			
Enclose a copy of any mineral analysis that has been made of water <u> </u>			

Well Log

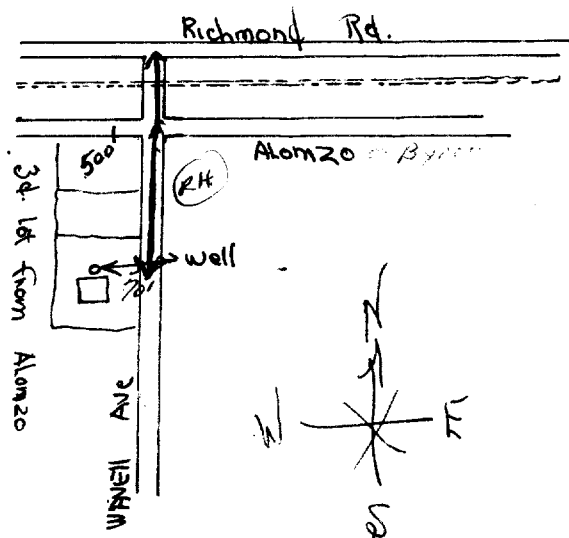
Drift and Bedrock Record

From	To
0 ft.	72 ft.
72 "	95 "
95 "	102 "

Till with some Boulders
Grey limestone
dark shale

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Valley
Drilling Firm Gordon S. Mulligan
Address RR No. 1 Westboro Ontario
Recorded by Charles John Fraser Address RR No. 1 Westboro Ont.
Date Dec. 8 / 1949 Licence Number

31G/5f



15 No 3959

RECEIVED

JAN 5 1950

**GEOLOGICAL BRANCH
DEPARTMENT OF MINES**

Elev.	9	R	0	2	1	0
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Basin 25

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or District Carleton Tp. Neplan Con. 10 Lot 28 Pt. Lot ✓
 Own [REDACTED] Address 9th Ave. Acres _____
 Date Completed Dec. 14, 1949 Cost of Well (not including pump) _____

Pipe and Casing Record

Pumping Test

Casing diameter(s)	4"	Date	Nov. 21 / 49
Length(s) of casing(s)	100 ft.	Developed Capacity	1000 Gal. per hr.
Length of screen		Duration of Test	15 min.
Type of screen		Pumping Rate	750 gal. p. h.
Type of pump		Drawdown	5 ft.
Capacity of pump		Static level of completed well	10 ft.
Depth of pump setting		Is well a gravel-wall type?	yes.

Water Record

Kind (fresh or mineral)	<i>fresh</i>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.)	<i>soft</i>	<i>110 ft.</i>	<i>hard soft</i>	<i>100 ft.</i>
Appearance (clear, cloudy, coloured)	<i>clear</i>			
For what purpose(s) is the water to be used?	<i>domestic</i>			
How far is well from possible source of contamination?	<i>30 ft.</i>			
What is source of contamination?	<i>septic tank</i>			
Enclose a copy of any mineral analysis that has been made of water				

Well Log

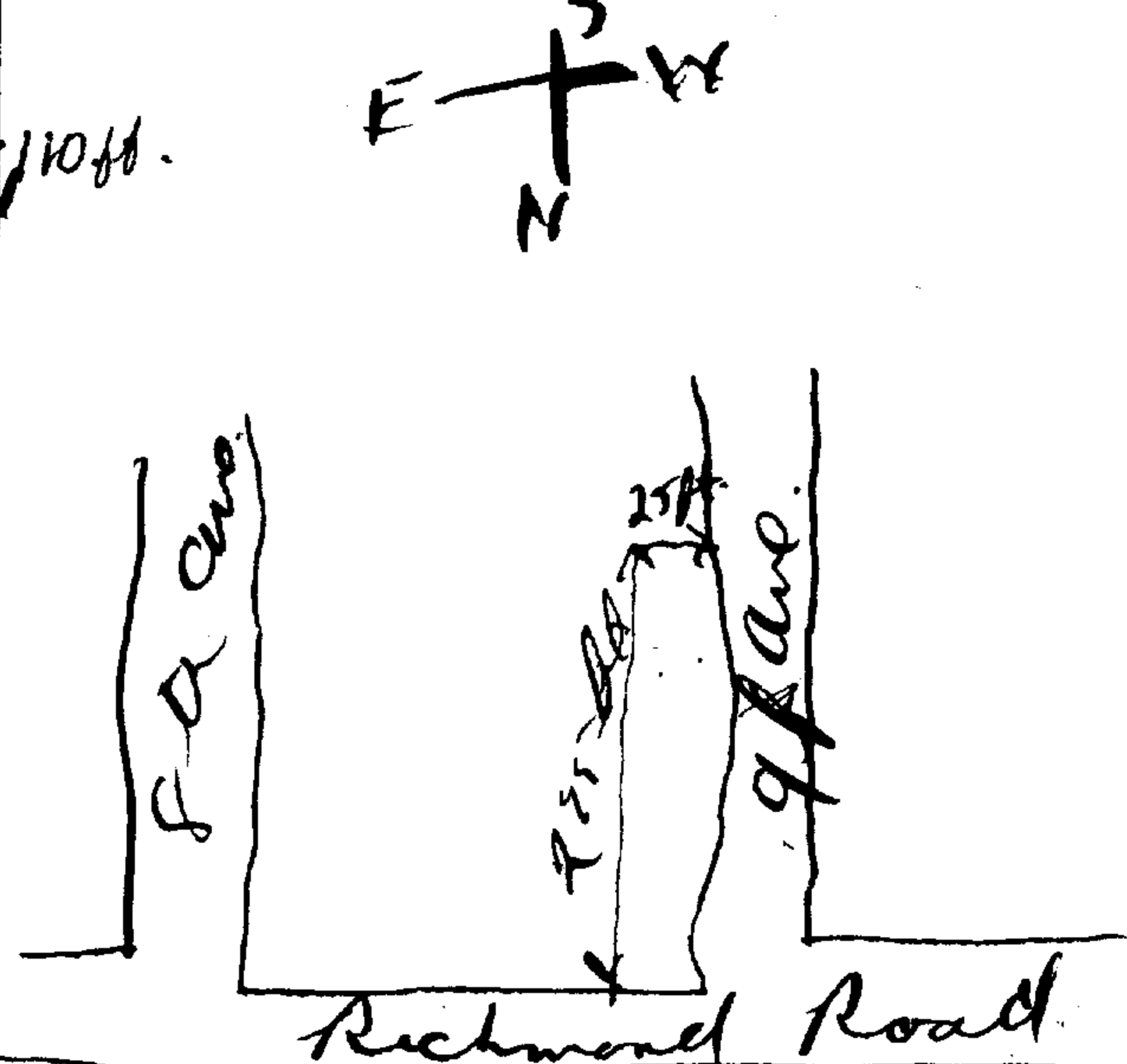
Drift and Bedrock Record

From	To
0 ft.	2 ft.

Topsoil
Clay
hardpan & boulders
Rock

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? level land.
Drilling Firm Mulligan Bros.
Address R2 #1 Weshore Ont.
Recorded by Floyd Stodley Address 494 Kreton St.
Date Dec 14 1949 Licence Number

UTM 18 2 431917 40 E
9 R 510215 4510 N
Elev. 9 R 02110
Basin 25 1 1 1



RECEIVED
13
MAY 8 1950
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

City of Ottawa
Con. Lot Pt. Lot
AVE. McKELLAR 9th Ave
Acres

Date Completed MAR 10 1950 Cost of well (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>5"</u>	Date <u>MAR 10 1950</u>
Length(s) of casing(s) <u>79'</u>	Developed Capacity <u>400 G.P.H.</u>
Length of screen	Duration of Test <u>60 MIN.</u>
Type of screen	Pumping Rate <u>500 G.P.H.</u>
Type of pump	Drawdown <u>22'</u>
Capacity of pump	Static level of completed well <u>42'</u>
Depth of pump setting	Is well a gravel-wall type? <u>No</u>

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>FRESH</u>	<u>65</u>	<u>GOOD</u>	<u>43</u>
Quality (hard, soft, contains iron, sulphur etc.) <u>HARD</u>	<u>79</u>	<u>"</u>	<u>37</u>
Appearance (clear, cloudy, coloured) <u>CLEAR</u>			
For what purpose(s) is the water to be used? <u>HOUSEHOLD</u>			
How far is well from possible source of contamination?			
What is source of contamination?			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Drift and Bedrock Record

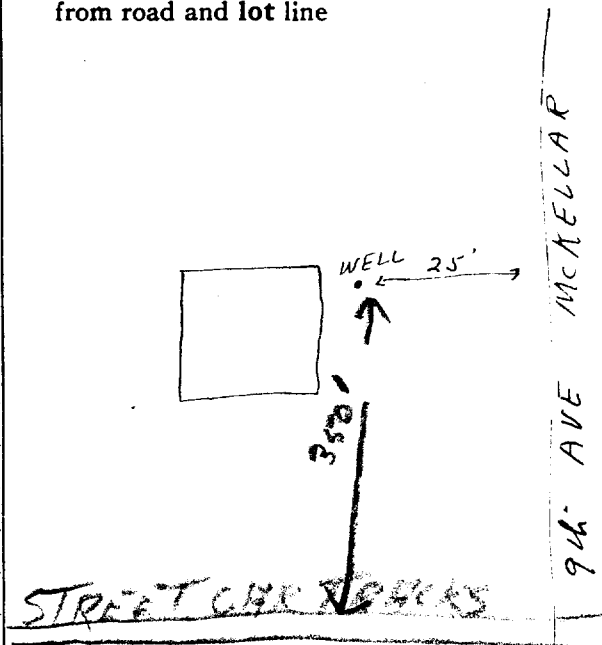
From

To

<u>TILL</u>	<u>0 ft.</u>	<u>77 ft.</u>
<u>GRAVEL</u>	<u>77</u>	<u>79</u>

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? UPLAND
Drilling Firm F. A. McLEAN & SON
Address 185 JAMES ST OTTAWA ONT.
Recorded by JOHN LARKIN
Date MAR 10 1950
Licence Number

RICHMOND RD

new Redwood
NINTH AVE.

UTM 18Z 439740
Elev. 5025450
Basin 215



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MAY 8 1950
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

No. 8586

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

City of Ottawa
Con. Lot. Pt. Lot.
9th AVE McHELLAR Acres

Date Completed Cost of well (not including pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 5"
Length(s) of casing(s) 7.8'
Length of screen ALSO 20' of 4"
Type of screen
Type of pump
Capacity of pump
Depth of pump setting
Date APRIL 27 1950
Developed Capacity 250 G.P.H.
Duration of Test 30 MIN.
Pumping Rate 300 G.P.H.
Drawdown 30'
Static level of completed well 48'
Is well a gravel-wall type? No

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
FRESH	70	GOOD	52'
Quality (hard, soft, contains iron, sulphur etc.)	181	"	133'
Appearance (clear, cloudy, coloured) CLOUDY			
For what purpose(s) is the water to be used? HOUSEHOLD			
How far is well from possible source of contamination? 40'			
What is source of contamination? SEPTIC TANK			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

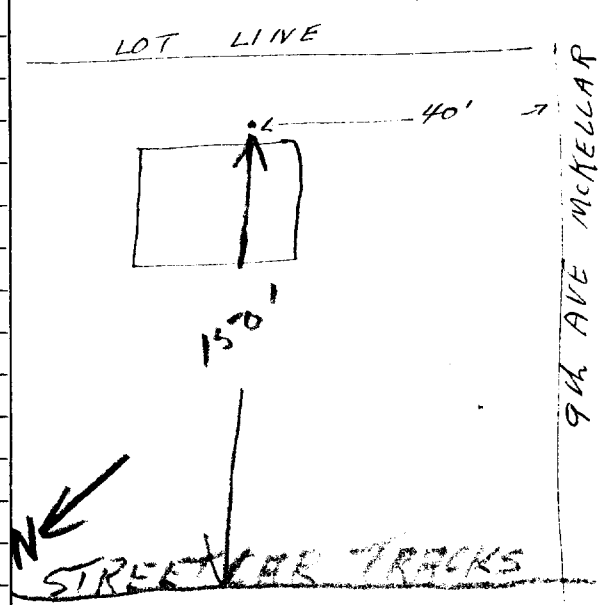
Drift and Bedrock Record

From To
0 ft. 442 ft.

SAND BOULDERS
HARD PAN
ROCK

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? UPLAND
Drilling Firm F. A. MCLEAN & SON
Address 185 JAMES ST OTTAWA ONTARIO
Recorded by J. LARKIN
Date Licence Number

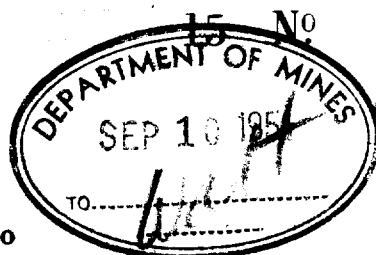
near Redwood
NINTH AVE.

UTM E 18 Z 431917110 E
9 R 5025131910 N
Elev. 9 R 02110
Basin 25 1 1 1



ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario



Water Well Record

Location St. Catharines Town or City St. Catharines
Town or City St. Catharines
Date Completed June 20 (day) 1951 (month) (year) Cost of Well (excluding pump) \$357.50

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch Date June 20 1951
Length(s) of casing(s) 90 ft Static level 30 feet
Type of screen none Pumping level 35 feet
Length of screen none Pumping rate 200 gal per hr
Distance from top of screen to ground level none Duration of test 2 hrs
Is well a gravel-wall type? gravel and wall type Distance from cylinder or bowls to ground level none

Water Record

Kind (fresh or mineral) <u>fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.) <u>hard</u>	<u>100 ft</u>	<u>fresh</u>	<u>20 ft</u>
Appearance (clear, cloudy, coloured) <u>clear</u>	<u>105 ft</u>	<u>fresh</u>	<u>25 ft</u>
For what purpose(s) is the water to be used? <u>domestic</u>			
How far is well from possible source of contamination? <u>30 ft</u>			
What is the source of contamination? <u>septic tank</u>			
Enclose a copy of any mineral analysis that has been made of water <u>none</u>			

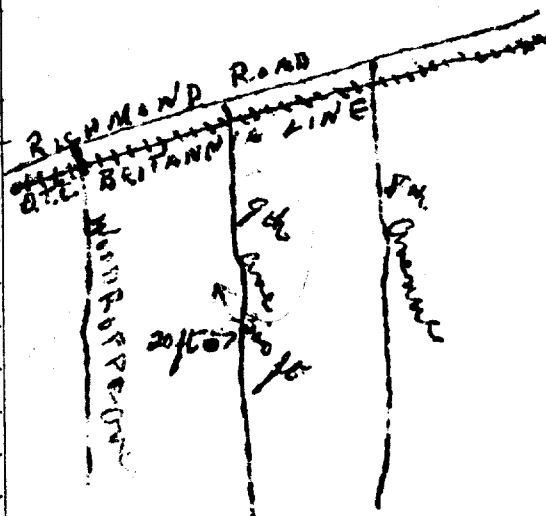
Well Log

Overburden and Bedrock Record

From	To
0 ft.	15 ft.
15 ft.	28 ft.
28 ft.	50 ft.
50 ft.	75 ft.
75 ft.	90 ft.
90 ft.	112 ft.

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? level ground
Drilling Firm Stewart H. McMilligan
Address Britannia Bay, Ont.
Name of Driller Bernard Holley Address 107 Niagara St.
Date June 20 1951 Licence Number 4124

Bernard Holley
Signature of Licensee

now Redwood
Ninth Ave.

UTM 118Z 4139171810E

19R 150125131615N

Elev. 191R 92115

Basin 25 111



RECEIVED

AUG 11 1952

15 No

8588

GEOLOGICAL BRANCH
DEPARTMENT of MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

Village, Town or City Ottawa
Town or City
Owner 9th Ave Woodroffe
Date Completed 1 Dec 51 Cost of Well (excluding pump) 51
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 5"
Length(s) of casing(s) 55'
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date
Static level Dry
Pumping level
Pumping rate
Duration of test
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral)
Quality (hard, soft, contains iron, sulphur, etc.)
Appearance (clear, cloudy, coloured) Supersaturated
For what purpose(s) is the water to be used? water
How far is well from possible source of contamination?
What is the source of contamination?
Enclose a copy of any mineral analysis that has been made of water.

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises

Well Log

Overburden and Bedrock Record

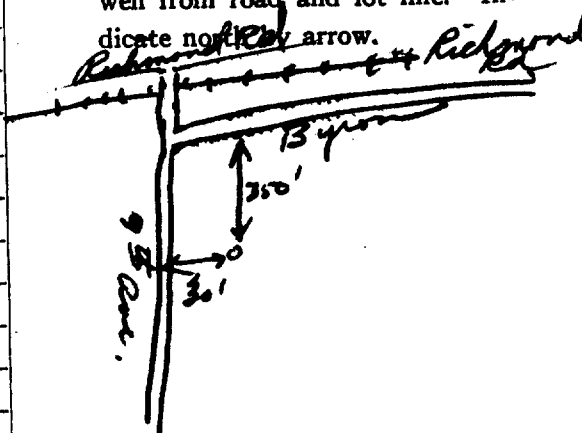
From To
0 ft. 72 ft.

Well previously drilled
but necessary to redrill when
old casing pulled.
Boulders & Clay & Sand

0 60

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm J. H. Muligan
Address Britania Bay Ottawa Ont
Name of Driller J. H. Law Address 518 Bank St
Date 1 Dec 51 Licence Number
J. H. Law
Signature of Licensee

UTM 18 2 4 3 9 6 8 10 E

10 R 5 0 2 5 5 4 10 N

Elev. 9 R 0 2 0 0

Basin 2 5



RECEIVED

DEC - 8 1952

15 No

8762

GEOLOGICAL BRANCH
DEPARTMENT of MINES

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

Village, Town or City... Ottawa

... Richmond Rd.

Date Completed... 16 (day) July (month) 52 (year) Cost of Well (excluding pump).....

Pipe and Casing Record

Pumping Test

Casing diameter(s).....	<u>8"</u>	Date.....	<u>16 July 52</u>
Length(s) of casing(s).....	<u>36 ft</u>	Static level.....	<u>15</u>
Type of screen.....		Pumping level.....	<u>30</u>
Length of screen.....		Pumping rate.....	<u>250</u>
Distance from top of screen to ground level.....		Duration of test.....	<u>10-15 min</u>
Is well a gravel-wall type?.....		Distance from cylinder or bowls to ground level.....	

Water Record

Kind (fresh or mineral).....	<u>Fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.).....	<u>Hard</u>	<u>50-6 ft</u>	<u>fresh</u>	<u>15 ft</u>
Appearance (clear, cloudy, coloured).....	<u>clear</u>			<u>35'</u>
For what purpose(s) is the water to be used?.....	<u>house</u>			
How far is well from possible source of contamination?.....	<u>40 ft</u>			
What is the source of contamination?.....	<u>Out. road</u>			
Enclose a copy of any mineral analysis that has been made of water.....				

Well Log

Overburden and Bedrock Record

From

To

0 ft.

27 ft.

27

6 ft

Location of Well

In diagram below show distance of well from road and lot line. Indicate north by arrow.

32 140

Richmond Rd

District known as Springfield Park

on: Is well on upland, in valley, or on hillside?..... upland

Firm... W. H. E. Sparks

... 6. Edgworth Ave. Woodhoffer

Driller... as above Address.....

Licence Number... 421

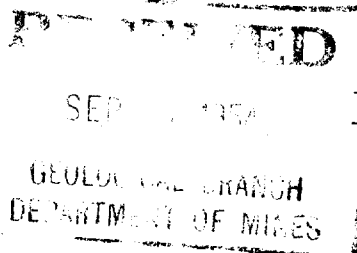
Signature of Licensee

Richmond Rd

UTM 18 2 439800 E
9 5025310 N
Do NOT PUBLISH
Elev. 9
Information Not Reliable
Basin 215



ONTARIO



15 No 9072

N.P.

The Well Drillers Act

Department of Mines, Province of Ontario

Deepening
Well.

Water Well Record

Ottawa

Village, Town or City... ~~Pineau Highway~~
Town or City).....
.....Westboro R.R. #1.....

Date Completed... 27 Oct. 1953... Cost of Well (excluding pump).....
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s)..... 4"	Date..... Oct. 27/53
Length(s) of casing(s)..... 20'	Static level... 20
Type of screen.....	Pumping level.....
Length of screen.....	Pumping rate.....
Distance from top of screen to ground level.....	Duration of test..... 1/2 hr.
Is well a gravel-wall type?.....	Distance from cylinder or bowls to ground level.....

Water Record

Kind (fresh or mineral)..... fresh	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.)..... hard			
Appearance (clear, cloudy, coloured)..... clear	128'	fresh	128'
For what purpose(s) is the water to be used?..... Domestic			
How far is well from possible source of contamination?..... 45'			
What is the source of contamination?..... septic tank			
Enclose a copy of any mineral analysis that has been made of water.....			

Well Log

Overburden and Bedrock Record

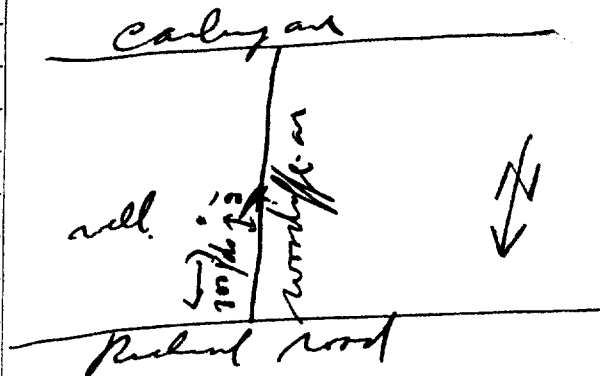
From	To
0 ft.ft.

deepening well

68-130 black bitum

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?..... valley
Drilling Firm..... Gordon Mulligan Corp. Ltd.
Address..... 488 MacKinnon St.
Name of Driller..... Maurice Renaud..... Address..... 427 Clarence St.
Date..... Licence Number.....

Measurements recorded in: ☐ Metric ☒ Imperial

A089793.

Page of

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
	First Unitarian Congregation Ottawa	Hendersalas@gmail.com	
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
30 Cleary Avenue		Ontario	K2A3Z9
			613 725 1066

Well Location

Address of Well Location (Street Number/Name) 30 Cleary Avenue		Township	Lot	Concession	
County/District/Municipality		City/Town/Village Ottawa	Province Ontario		Postal Code K2A3Z9

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	4546	3324522915			

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

[illegible]

Annular Space			
Depth Set at (m' ^{ft}) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m' ^{ft})
0	20'	High Early Cement	6.97

Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input checked="" type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify _____		<input type="checkbox"/> Other, specify _____		

Construction Record - Casing					Status of Well
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input checked="" type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned,
			From	To	
5 5/8"	Steel	1/8"	+1.5'	20'	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To

☐ Insufficient Supply

☐ Abandoned, Poor Water Quality

☐ Abandoned, other, specify

☐ Other, specify

Water Details			Hole Diameter		
Water found at Depth 170 (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft) From To	Diameter (cm/in)		
Water found at Depth 217 (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	20' 380'	6"		
Water found at Depth 345 (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	0 20'	10"		

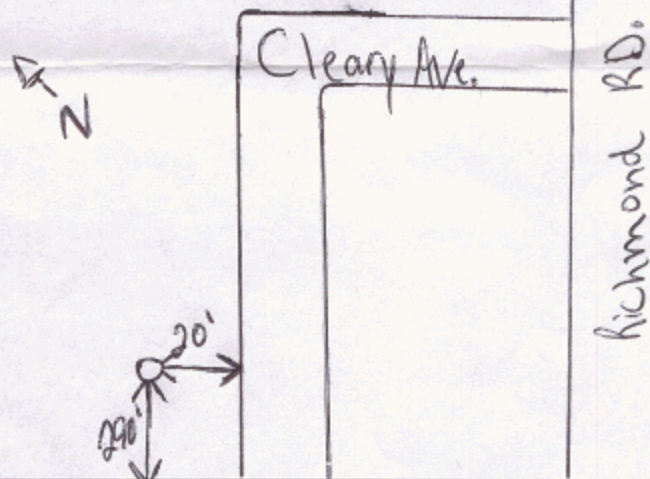
Well Contractor and Well Technician Information			
Business Name of Well Contractor		Well Contractor's Licence No.	
JK Drilling Co. Ltd.		3749	
Business Address (Street Number/Name)		Municipality	
23 Mitchem Rd.		Clarendon	
Province	Postal Code	Business E-mail Address	
Quebec	G6X2Y0	info@jwaterwelldrilling.com	
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)		
613 860 9986	McLaughney Bill		
Well Technician's Licence No.	Signature of Technician and/or Contractor		Date Submitted
1505	Bill McLaughney		20110414

Results of Well Yield Testing

After test of well yield, water was:		Draw Down		Recovery	
<input checked="" type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level	8'		
		1	10'	1	134'
Pump intake set at (m/ft)		2	19'	2	130'
320'		3	27'	3	129'
Pumping rate (l/min / GPM)		4	33'	4	127'
5		5	40'	5	126'
Duration of pumping		10	56'	10	122'
1 hrs + 0 min		15	70'	15	116'
Final water level end of pumping (m/ft)		20	87'	20	110'
151'		25	101'	25	104'
If flowing give rate (l/min / GPM)		30	116'	30	100'
Recommended pump depth (m/ft)		40	126'	40	90'
330'		50	139'	50	83'
Recommended pump rate (l/min / GPM)		60	151'	60	74'
5					
Well production (l/min / GPM)					
4					
Disinfected?					
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well owner's information package delivered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 20110414	Ministry Use Only Audit No. Z103275 APR 20 2011 Received _____
	Date Work Completed 20110413	

Office Use Only

Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):
Client Service Centre Staff:	Fee Received:	\$



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

PE49.39

Background Information

*Site Address or Location:	890 Byron Avenue, and 45, 463, 471 and 483 Sherbourne Avenue, Ottawa ON
----------------------------	---

* Mandatory Field

Applicant/Agent Information:

Name:	Mandy Witteman		
Mailing Address:	154 Colonnade Road S, Ottawa ON		
Telephone:	613-226-7381	Email Address:	mwitteman@patersongroup.ca

Registered Property Owner Information:

☐ Same as above

Name:	Concorde Developments		
Mailing Address:	408 Tweedsmuir Avenue, Ottawa ON		
Telephone:	613-291-8660	Email Address:	jt@concorde-properties.ca

Site Details

Legal Description
and PIN:

Block 1 on Plan 314928 west side of Redwood Avenue and Parts 1 to 5 and 7 to 17 on Registered Plan 4R-10060, City of Ottawa

What is the land
currently used for?

Residential

Lot frontage: m Lot depth: m Lot area: m²

OR Lot area: (irregular lot) 4,803 m²

Does the site have Full Municipal Services: ☒ Yes ☐ No

Required Fees

Please don't hesitate to visit [the Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$125.00

Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 5/8/2020

Per: Mandy Witteman

(Please print name)

Title: Consultant

Company: Paterson Group



Consulting Engineers

154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
Tel: (613) 226-7381
Fax: (613) 226-6344

May 8, 2020
File: PE4939-HLUI

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

**Subject: Authorization Letter, HLUI Search
Phase I-Environmental Site Assessment
890 Byron Avenue, and 455, 463, 471 and 483 Sherbourne
Avenue, Ottawa ON**

Dear Sir,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:

BYRON RENTAL APARTMENTS

Name of Representative

JORDAN TOWNES

Signature of Representative

Jordan Townes

Date

MAY 12/20



DATABASE REPORT

Project Property:	<i>PE4939 - 463 Sherbourne Ave Sherbourne Avenue Ottawa ON K2A 3G1 30073</i>
Project No:	
Report Type:	<i>Standard Report</i>
Order No:	<i>20200508053</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>May 13, 2020</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

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Executive Summary

Property Information:

Project Property: PE4939 - 463 Sherbourne Ave
Sherbourne Avenue Ottawa ON K2A 3G1

Project No: 30073

Coordinates:

Latitude: 45.3813054
Longitude: -75.7702227
UTM Northing: 5,025,598.53
UTM Easting: 439,698.68
UTM Zone: 18T

Elevation: 209 FT
63.83 M

Order Information:

Order No: 20200508053
Date Requested: May 8, 2020
Requested by: Paterson Group Inc.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	1	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	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
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	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	7	7
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
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	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	4	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	49	49
		Total:	1	73	74

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EHS		900 Byron Avenue Ottawa ON K2A 0J2	SSE/8.3	1.13	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		ON Well ID: 1508587	ENE/44.1	-0.26	24
3	WWIS		OTTAWA ON Well ID: 7296572	W/49.4	0.05	28
4	WWIS		OTTAWA ON Well ID: 7292237	N/69.5	-0.64	31
5	SCT	Dentech Inc.	797 Richmond Rd Ottawa ON K2A 0G7	WNW/80.4	-1.03	33
6	CA	BAKER'S DOZEN DONUTS	793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	NW/88.4	-0.95	34
6	GEN	Carastan Carpet Co Limited	793 Richmond Road Ottawa ON K2A 0G7	NW/88.4	-0.95	34
6	RSC	Charlesfort Developments Limited	761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	NW/88.4	-0.95	34
6	GEN	Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	NW/88.4	-0.95	35
6	GEN	Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	NW/88.4	-0.95	35
7	SPL	Enbridge Gas Distribution Inc.	Cleary at Richmond Roads Ottawa ON	N/99.0	-0.92	35
7	PINC		Cleary Avenue & Richmond Road, Ottawa ON	N/99.0	-0.92	36
7	SPL		Richmond Rd and Cleary Ave Ottawa ON	N/99.0	-0.92	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	WWIS		ON Well ID: 1508585	NE/102.9	-1.95	<u>37</u>
<u>8</u>	WWIS		ON Well ID: 1508586	NE/102.9	-1.95	<u>39</u>
<u>9</u>	BORE		ON	NW/105.2	-0.87	<u>42</u>
<u>10</u>	WWIS		OTTAWA ON Well ID: 7296573	SW/105.6	2.17	<u>43</u>
<u>11</u>	ECA	The First Unitarian Congregation of Ottawa	40 Cleary Parkway Ottawa ON	NNW/106.1	-2.00	<u>46</u>
<u>12</u>	WWIS		lot 28 con 1 ON Well ID: 1503951	ENE/112.1	-1.03	<u>46</u>
<u>13</u>	WWIS		ON Well ID: 1508588	E/112.6	0.05	<u>49</u>
<u>14</u>	WWIS		lot 28 con 1 ON Well ID: 1503940	E/113.2	0.05	<u>51</u>
<u>15</u>	WWIS		ON Well ID: 7293182	N/113.9	-2.01	<u>53</u>
<u>16</u>	WWIS		lot 28 con 1 ON Well ID: 1503959	ENE/120.2	-1.12	<u>56</u>
<u>17</u>	WWIS		lot 28 con 1 ON Well ID: 1503950	E/124.3	-1.03	<u>59</u>
<u>18</u>	SPL	Enbridge Gas Distribution Inc.	2045 Honeywell Ave Ottawa ON	SSW/128.1	2.02	<u>62</u>
<u>19</u>	WWIS		lot 28 con 1 ON	ENE/129.5	-0.95	<u>62</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503941			
20	WWIS		lot 28 con 1 ON Well ID: 1503944	ENE/139.7	-0.95	65
21	WWIS		lot 27 con 1 ON Well ID: 1503909	E/141.8	0.01	67
21	WWIS		lot 27 con 1 ON Well ID: 1503938	E/141.8	0.01	70
22	WWIS		ON Well ID: 1509072	ESE/147.8	0.74	72
23	WWIS		OTTAWA ON Well ID: 7305505	N/148.4	-2.64	75
24	WWIS		ON Well ID: 7293198	NNE/148.8	-2.62	78
25	WWIS		OTTAWA ON Well ID: 7305504	NNE/151.5	-2.62	81
26	GEN	Unitarian House of Ottawa	20 Cleary Ave. 20 Cleary Ave. Ottawa ON K2A 3Z9	NNW/152.1	-2.64	83
26	GEN	Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A3Z9	NNW/152.1	-2.64	84
27	WWIS		OTTAWA ON Well ID: 7305506	NNE/152.3	-2.62	84
28	WWIS		lot 27 con 1 ON Well ID: 1503931	ESE/152.6	0.74	87
29	BORE		ON	WNW/152.9	-1.95	90
30	WWIS		lot 27 con 1 ON	ENE/155.6	-0.88	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503917			
30	WWIS		lot 27 con 1 ON	ENE/155.6	-0.88	94
			Well ID: 1503918			
31	WWIS		lot 27 con 1 ON	ENE/156.2	-0.98	96
			Well ID: 1503915			
31	WWIS		lot 27 con 1 ON	ENE/156.2	-0.98	99
			Well ID: 1503916			
32	WWIS		Ottawa ON	NNE/156.7	-2.62	101
			Well ID: 7293199			
33	WWIS		lot 27 con 1 ON	ESE/157.5	0.74	105
			Well ID: 1503930			
34	WWIS		lot 27 con 1 ON	ESE/159.0	0.19	107
			Well ID: 1503933			
34	WWIS		lot 27 con 1 ON	ESE/159.0	0.19	110
			Well ID: 1503935			
34	WWIS		lot 27 con 1 ON	ESE/159.0	0.19	112
			Well ID: 1503936			
35	WWIS		lot 27 con 1 ON	E/163.7	0.10	115
			Well ID: 1503913			
36	SCT	Signs in 23 Hours, Inc.	747 Richmond Rd Unit B Ottawa ON K2A 0G6	N/163.9	-2.95	117
36	WWIS		ON	N/163.9	-2.95	117
			Well ID: 1508762			
36	GEN	Morrison Hershfield Limited	747 Richmond Road Ottawa ON K2A 1R8	N/163.9	-2.95	119
37	WWIS		ON	N/164.4	-2.64	120

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7293486			
38	WWIS		OTTAWA ON Well ID: 7162152	WNW/168.7	-1.64	120
39	WWIS		Ottawa ON Well ID: 7293181	NNE/172.3	-2.95	127
40	WWIS		lot 27 con 1 ON Well ID: 1503932	E/172.8	1.05	130
41	BORE		ON	WNW/180.7	-2.26	133
42	WWIS		lot 27 con 1 ON Well ID: 1503914	NE/180.8	-1.09	135
43	WWIS		ON Well ID: 7295158	SE/181.8	2.36	137
44	WWIS		lot 28 con 1 ON Well ID: 1503942	ENE/183.9	-1.09	138
45	WWIS		lot 27 con 1 ON Well ID: 1503934	E/187.1	0.05	140
45	WWIS		lot 27 con 1 ON Well ID: 1503937	E/187.1	0.05	143
46	WWIS		lot 27 con 1 ON Well ID: 1503910	ESE/197.8	1.27	145
46	ECA	City of Ottawa	597 Redwood Avenue Ottawa ON K2G 6J8	ESE/197.8	1.27	147
47	HINC		723 KEENAN AVENUE Ottawa ON K2A 0P5	ESE/198.8	0.97	147
48	HINC		2030 KNIGHTSBRIDGE ROAD OTTAWA ON K2A 0P9	SE/200.4	3.86	148

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>49</u>	WWIS		lot 27 con 1 ON Well ID: 1503928	ENE/200.7	0.08	<u>148</u>
<u>50</u>	WWIS		lot 27 con 1 ON Well ID: 1503911	NE/205.4	-1.64	<u>151</u>
<u>51</u>	WWIS		lot 27 con 1 ON Well ID: 1503925	E/206.6	1.19	<u>153</u>
<u>52</u>	WWIS		lot 27 con 1 ON Well ID: 1503926	E/209.8	2.37	<u>156</u>
<u>52</u>	WWIS		lot 27 con 1 ON Well ID: 1503927	E/209.8	2.37	<u>159</u>
<u>53</u>	WWIS		lot 24 con 1 ON Well ID: 1503883	E/213.7	1.55	<u>162</u>
<u>54</u>	GEN	Regional Elevator	727 Richmond Road Ottawa ON K2A 0G6	NNE/242.8	-3.09	<u>165</u>
<u>55</u>	SPL	Enbridge Gas Distribution Inc.	609 Redwood Avenue Ottawa ON	ESE/249.7	2.05	<u>165</u>

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NW	105.21	<u>9</u>
	ON	WNW	152.91	<u>29</u>
	ON	WNW	180.68	<u>41</u>

CA - Certificates of Approval

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BAKER'S DOZEN DONUTS	793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	NW	88.39	<u>6</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2020 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	597 Redwood Avenue Ottawa ON K2G 6J8	ESE	197.79	<u>46</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The First Unitarian Congregation of Ottawa	40 Cleary Parkway Ottawa ON	NNW	106.11	<u>11</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	900 Byron Avenue Ottawa ON K2A 0J2	SSE	8.27	<u>1</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Carastan Carpet Co Limited	793 Richmond Road Ottawa ON K2A 0G7	NW	88.39	<u>6</u>
Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	NW	88.39	<u>6</u>
Charlesfort Developments Limited	793 Richmond Road Ottawa ON K2A 0G7	NW	88.39	<u>6</u>
Unitarian House of Ottawa	20 Cleary Ave. 20 Cleary Ave. Ottawa ON K2A 3Z9	NNW	152.14	<u>26</u>
Unitarian House of Ottawa	20 Cleary Ave Ottawa ON K2A3Z9	NNW	152.14	<u>26</u>
Morrison Hershfield Limited	747 Richmond Road Ottawa ON K2A 1R8	N	163.91	<u>36</u>
Regional Elevator	727 Richmond Road Ottawa ON K2A 0G6	NNE	242.75	<u>54</u>

HINC - TSSA Historic Incidents

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	723 KEENAN AVENUE Ottawa ON K2A 0P5	ESE	198.82	47
	2030 KNIGHTSBRIDGE ROAD OTTAWA ON K2A 0P9	SE	200.40	48

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Cleary Avenue & Richmond Road, Ottawa ON	N	98.98	7

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2020 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Charlesfort Developments Limited	761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	NW	88.39	6

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dentech Inc.	797 Richmond Rd Ottawa ON K2A 0G7	WNW	80.37	5
Signs in 23 Hours, Inc.	747 Richmond Rd Unit B Ottawa ON K2A 0G6	N	163.91	36

SPL - Ontario Spills

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	2045 Honeywell Ave Ottawa ON	SSW	128.13	<u>18</u>

Enbridge Gas Distribution Inc.	609 Redwood Avenue Ottawa ON	ESE	249.69	<u>55</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	Cleary at Richmond Roads Ottawa ON	N	98.98	<u>7</u>

Richmond Rd and Cleary Ave Ottawa ON	N	98.98	<u>7</u>
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WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 49 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OTTAWA ON <i>Well ID: 7296572</i>	W	49.41	<u>3</u>
	OTTAWA ON <i>Well ID: 7296573</i>	SW	105.64	<u>10</u>
	ON <i>Well ID: 1508588</i>	E	112.61	<u>13</u>
	lot 28 con 1 ON <i>Well ID: 1503940</i>	E	113.23	<u>14</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 27 con 1 ON	E	141.80	<u>21</u>
	Well ID: 1503909			
	lot 27 con 1 ON	E	141.80	<u>21</u>
	Well ID: 1503938			
	ON	ESE	147.83	<u>22</u>
	Well ID: 1509072			
	lot 27 con 1 ON	ESE	152.60	<u>28</u>
	Well ID: 1503931			
	lot 27 con 1 ON	ESE	157.51	<u>33</u>
	Well ID: 1503930			
	lot 27 con 1 ON	ESE	158.98	<u>34</u>
	Well ID: 1503936			
	lot 27 con 1 ON	ESE	158.98	<u>34</u>
	Well ID: 1503935			
	lot 27 con 1 ON	ESE	158.98	<u>34</u>
	Well ID: 1503933			
	lot 27 con 1 ON	E	163.71	<u>35</u>
	Well ID: 1503913			
	lot 27 con 1 ON	E	172.81	<u>40</u>
	Well ID: 1503932			
	ON	SE	181.82	<u>43</u>
	Well ID: 7295158			
	lot 27 con 1 ON	E	187.14	<u>45</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1503934			
	lot 27 con 1 ON	E	187.14	<u>45</u>
	<i>Well ID:</i> 1503937			
	lot 27 con 1 ON	ESE	197.79	<u>46</u>
	<i>Well ID:</i> 1503910			
	lot 27 con 1 ON	ENE	200.74	<u>49</u>
	<i>Well ID:</i> 1503928			
	lot 27 con 1 ON	E	206.64	<u>51</u>
	<i>Well ID:</i> 1503925			
	lot 27 con 1 ON	E	209.78	<u>52</u>
	<i>Well ID:</i> 1503926			
	lot 27 con 1 ON	E	209.78	<u>52</u>
	<i>Well ID:</i> 1503927			
	lot 24 con 1 ON	E	213.67	<u>53</u>
	<i>Well ID:</i> 1503883			
 <u>Lower Elevation</u>	 <u>Address</u>	 <u>Direction</u>	 <u>Distance (m)</u>	 <u>Map Key</u>
	ON	ENE	44.13	<u>2</u>
	<i>Well ID:</i> 1508587			
	OTTAWA ON	N	69.49	<u>4</u>
	<i>Well ID:</i> 7292237			
	ON	NE	102.88	<u>8</u>
	<i>Well ID:</i> 1508585			
	ON	NE	102.88	<u>8</u>

Well ID: 1508586

lot 28 con 1 ON	ENE	112.13	<u>12</u>
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Well ID: 1503951

ON	N	113.94	<u>15</u>
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Well ID: 7293182

lot 28 con 1 ON	ENE	120.15	<u>16</u>
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Well ID: 1503959

lot 28 con 1 ON	E	124.26	<u>17</u>
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Well ID: 1503950

lot 28 con 1 ON	ENE	129.53	<u>19</u>
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Well ID: 1503941

lot 28 con 1 ON	ENE	139.70	<u>20</u>
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Well ID: 1503944

OTTAWA ON	N	148.37	<u>23</u>
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Well ID: 7305505

ON	NNE	148.76	<u>24</u>
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Well ID: 7293198

OTTAWA ON	NNE	151.54	<u>25</u>
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Well ID: 7305504

OTTAWA ON	NNE	152.32	<u>27</u>
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Well ID: 7305506

lot 27 con 1 ON	ENE	155.56	<u>30</u>
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Well ID: 1503917

lot 27 con 1 ON	ENE	155.56	<u>30</u>
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Well ID: 1503918

lot 27 con 1 ON Well ID: 1503915	ENE	156.20	<u>31</u>
lot 27 con 1 ON Well ID: 1503916	ENE	156.20	<u>31</u>
Ottawa ON Well ID: 7293199	NNE	156.75	<u>32</u>
ON Well ID: 1508762	N	163.91	<u>36</u>
ON Well ID: 7293486	N	164.43	<u>37</u>
OTTAWA ON Well ID: 7162152	WNW	168.65	<u>38</u>
Ottawa ON Well ID: 7293181	NNE	172.29	<u>39</u>
lot 27 con 1 ON Well ID: 1503914	NE	180.76	<u>42</u>
lot 28 con 1 ON Well ID: 1503942	ENE	183.89	<u>44</u>
lot 27 con 1 ON Well ID: 1503911	NE	205.42	<u>50</u>

Ottawa River

SIR JOHN A MACDONALD PKY

SIR JOHN A MACDONALD PKY

CLEARY AVE

RICHMOND RD

COURTENAY AVE

VILNIUS AVE

WAVELL AVE

CLEARY AVE

SHERBOURNE RD

BYRON AVE

HONEYWELL AVE

KNIGHTSBRIDGE RD

KEENAN AVE

REDWOOD AVE

1:2900
DOVERCOURT AVE

AYLEN AVE

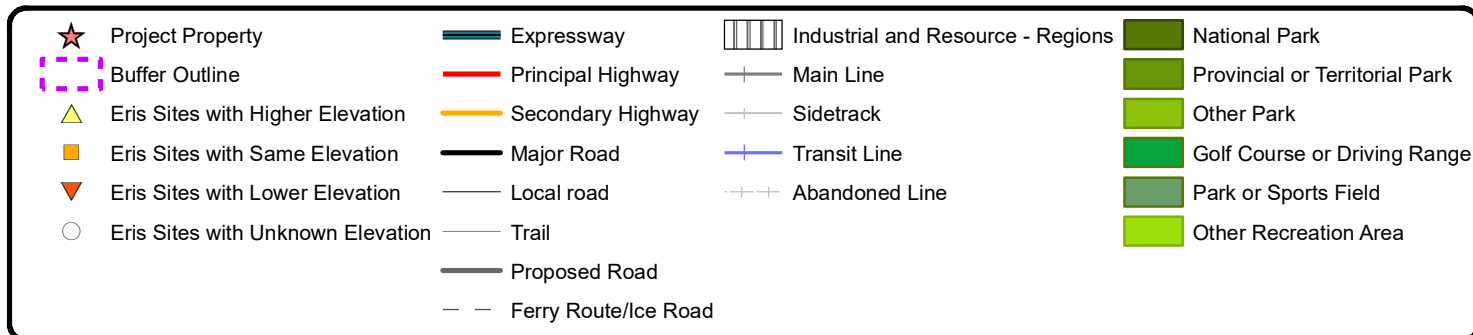
LOCKHART AVE

80 40 0 80 m

Map : 0.25 Kilometer Radius

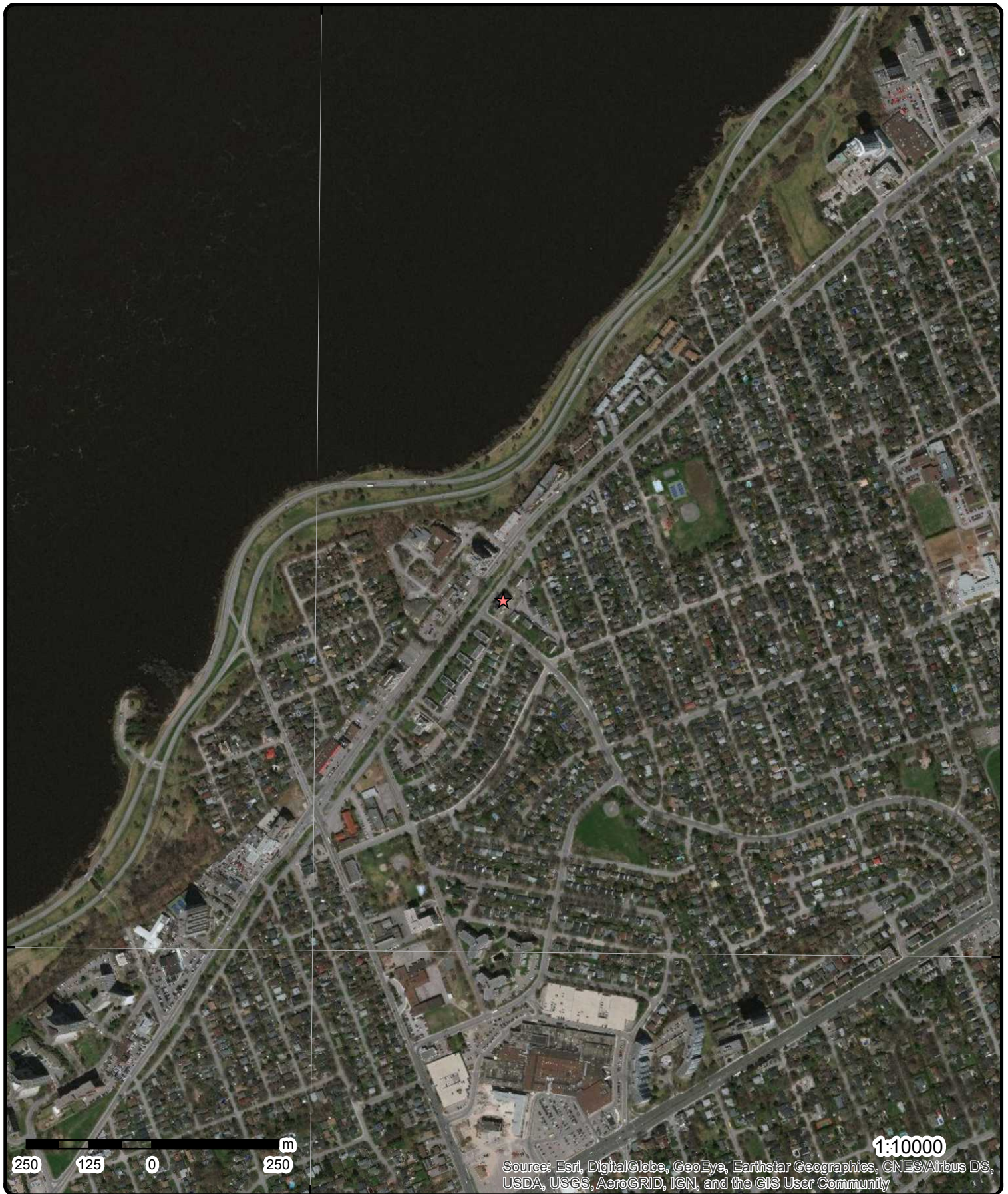
Order Number: 20200508053

Address: Sherbourne Avenue, Ottawa, ON



75°46'30"W

45°22'30"N



45°22'30"N

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1:10000

Aerial Year: 2019

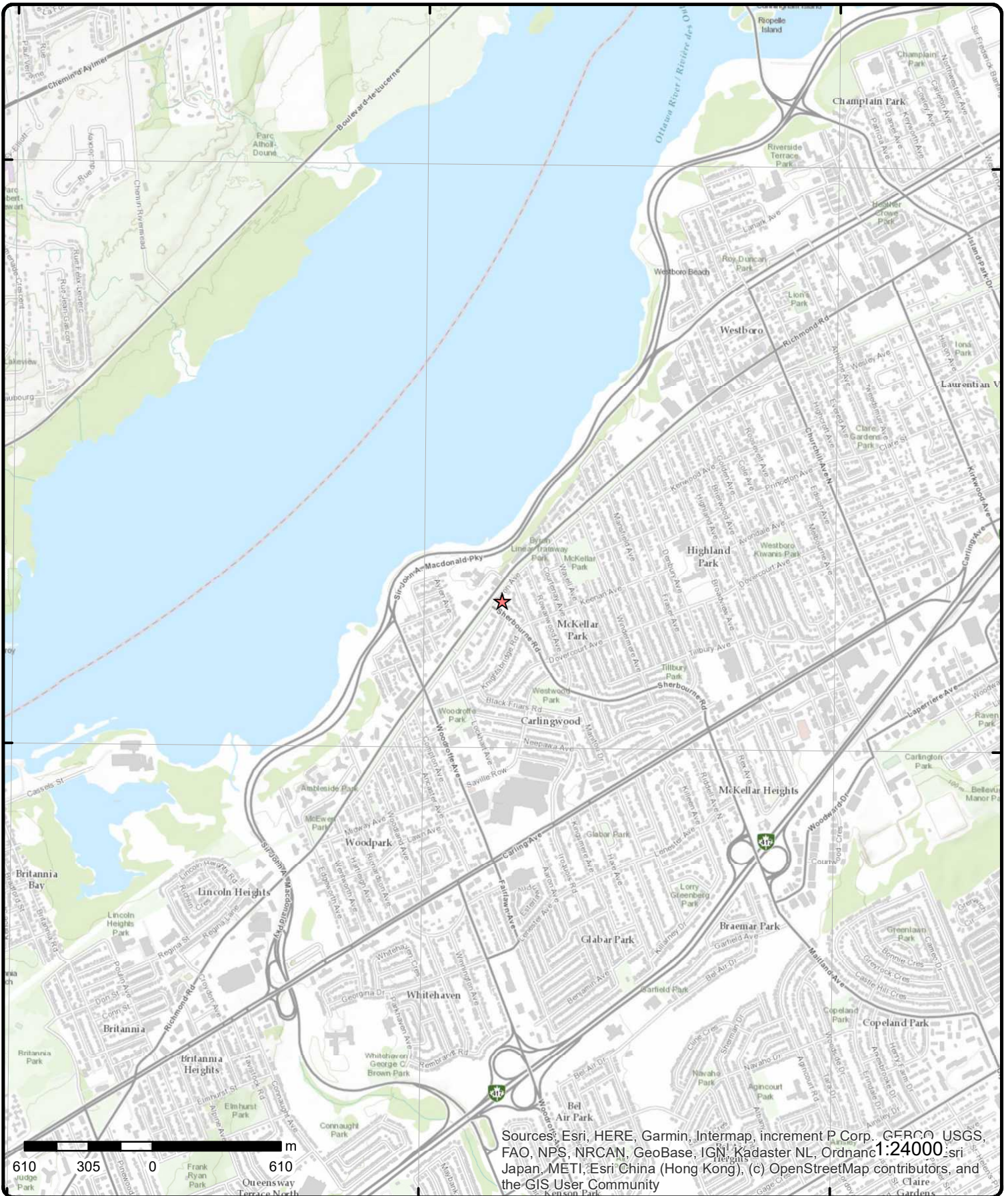
Address: Sherbourne Avenue, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20200508053



© ERIS Information Limited Partnership



Topographic Map

Address: Sherbourne Avenue, ON

Source: ESRI World Topographic Map

Order Number: 20200508053



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/8.3	65.0 / 1.13	900 Byron Avenue Ottawa ON K2A 0J2	EHS
Order No: 20100430040				Nearest Intersection:	
Status: C				Municipality:	
Report Type: Custom Report				Client Prov/State: ON	
Report Date: 5/7/2010				Search Radius (km): 0.25	
Date Received: 4/30/2010				X: -75.770178	
Previous Site Name:				Y: 45.381238	
Lot/Building Size:					
Additional Info Ordered:					
2	1 of 1	ENE/44.1	63.6 / -0.26	ON	WWIS
Well ID: 1508587				Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use: Domestic				Date Received: 9/10/1951	
Sec. Water Use: 0				Selected Flag: Yes	
Final Well Status: Water Supply				Abandonment Rec:	
Water Type:				Contractor: 3718	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10030621				Elevation: 65.105606	
DP2BR: 90				Elevrc:	
Spatial Status:				Zone: 18	
Code OB: r				East83: 439740.7	
Code OB Desc: Bedrock				North83: 5025612	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 9	
Date Completed: 6/20/1951				UTMRC Desc: unknown UTM	
Remarks:				Location Method: p9	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010059			
Layer:		4			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010062			
Layer:		7			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		90			
Formation End Depth:		112			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010056			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010060			
Layer:		5			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		75			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931010057			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931010058			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		28			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931010061			
Layer:		6			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		80			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
 Method Construction ID:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579191			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053876			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053877			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		112			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508587			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		35			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933463157			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		108			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933463156			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100			
Water Found Depth UOM:		ft			
<u>3</u>	1 of 1	W/49.4	63.9 / 0.05	OTTAWA ON	WWIS
Well ID:	7296572			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	10/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z250788			Owner:	
Tag:	A189927			Street Name:	BYRON LINEAR PARK
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006758601			Elevation:	64.617271
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439650
Code OB Desc:				North83:	5025607
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	9/14/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006953241				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	11				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other Materials:		GRAVEL			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		7.31			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006953239			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		1.21			
Formation End Depth:		2.43			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006953240			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		2.43			
Formation End Depth:		4.57			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006953238			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		1.21			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1006953250			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Plug From:	0.31				
Plug To:	3.96				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006953249				
Layer:	1				
Plug From:	0				
Plug To:	0.31				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006953251				
Layer:	3				
Plug From:	3.96				
Plug To:	7.31				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	2				
Method Construction Code:	Rotary (Convent.)				
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1006953237				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1006953244				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	4.26				
Casing Diameter:	5.2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1006953245				
Layer:	1				
Slot:	10				
Screen Top Depth:	4.26				
Screen End Depth:	7.31				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6.03				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1006953242			
Diameter:		15.24			
Depth From:		0			
Depth To:		7.31			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>4</u>	1 of 1	N/69.5	63.2 / -0.64	OTTAWA ON	WWIS
Well ID:	7292237			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	8/9/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	7
Audit No:	Z245021			Owner:	
Tag:	A215081			Street Name:	747 RICHMOND RD BYRON LWEAR PARK
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006711669			Elevation:	64.478637
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439697
Code OB Desc:				North83:	5025668
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/19/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006843163				
Layer:	3				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:	34				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other Materials:		TILL			
Mat3:		84			
Other Materials:		SILTY			
Formation Top Depth:		2.7			
Formation End Depth:		12.19			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006843161			
Layer:		1			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1.2			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006843162			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		1.2			
Formation End Depth:		2.7			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006843170			
Layer:		1			
Plug From:		0.3			
Plug To:		8.8			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006843160			
Casing No:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006843166			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:		5.08			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006843167			
Layer:		1			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		5.88			
<u>Water Details</u>					
Water ID:		1006843165			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		9.82			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006843164			
Diameter:		20.3			
Depth From:		0			
Depth To:		12.19			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
5	1 of 1	WNW/80.4	62.8 / -1.03	Dentech Inc. 797 Richmond Rd Ottawa ON K2A 0G7	SCT
Established: Plant Size (ft²): Employment:					
<u>--Details--</u>					
Description:		Medical Equipment and Supplies Manufacturing			
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
SIC/NAICS Code:		339110			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 5	NW/88.4	62.9 / -0.95	BAKER'S DOZEN DONUTS 793 RICHMOND ST. OTTAWA CITY ON K2A 0G7	CA
Certificate #:		8-4008-88-			
Application Year:		88			
Issue Date:		3/4/1988			
Approval Type:		Industrial air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		KITCHEN EXHAUST			
Contaminants:		Odour/Fumes			
Emission Control:		No Controls			
6	2 of 5	NW/88.4	62.9 / -0.95	Carastan Carpet Co Limited 793 Richmond Road Ottawa ON K2A 0G7	GEN
Generator No:		ON6548991		PO Box No:	
Status:				Country:	
Approval Years:		05		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		442210			
SIC Description:		Floor Covering Stores			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
6	3 of 5	NW/88.4	62.9 / -0.95	Charlesfort Developments Limited 761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7 OTTAWA ON K2A 0G7	RSC
RSC ID:		54112		Cert Date:	14-May-09
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:		Commercial		Qual Person Name:	John Davis
Ministry District:		OTTAWA		Stratified (Y/N):	
Filing Date:		12-Jun-09		Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	0 to 1 meters
Restoration Type:				Telephone:	613-2330044
Soil Type:				Fax:	613-2330955
Criteria:				Email:	jdavis@charlesfort.ca
CPU Issued Sect 1686:		No			
Asmt Roll No:		0614.094.902.07400.0000 and 0614.094.902.07500.0000			
Prop ID No (PIN):		04751-0117 and 04751-0118			
Property Municipal Address:		761 and 793 Richmond Road, Ottawa, Ontario, K2A 0G7			
Mailing Address:		787 BANK ST, OTTAWA, ON, K1S 3V5			
Latitude & Longitude:		45.38201740N 75.77072640W (converted from UTM)			
UTM Coordinates:		NAD83 18-439660-5025678			
Consultant:					
Legal Desc:		Part Lot 27, Concession 1, (Ottawa Front), Geographic Township of Nepean, City of Ottawa being all of PINs			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Measurement Method: Applicable Standards: RSC PDF:		04751-0117and 04751-0118 Digitized from a map Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use			
6	4 of 5	NW/88.4	62.9 / -0.95	Charlesfort Developments Limited 793 Richmond Road Ottawa ON K2A 0G7	GEN
Generator No: ON5917840 Status: Approval Years: 07,08 Contam. Facility: MHSW Facility: SIC Code: 236110 SIC Description: Residential Building Construction		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
6	5 of 5	NW/88.4	62.9 / -0.95	Charlesfort Developments Limited 793 Richmond Road Ottawa ON K2A 0G7	GEN
Generator No: ON5917840 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 236110 SIC Description: Residential Building Construction		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
7	1 of 3	N/99.0	62.9 / -0.92	Enbridge Gas Distribution Inc. Cleary at Richmond Roads Ottawa ON	SPL
Ref No: 1361-8BHTCK Site No: Incident Dt: Year: Incident Cause: Discharge or Emission to Air Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Pipeline Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:		Operator/Human Error		Source Type:	
Site Name:		Richmond Road<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		MVA TT: 100L diesel to ground, contained			
Contaminant Qty:		100 L			

<u>8</u>	1 of 2	NE/102.9	61.9 / -1.95	ON	WWIS
Well ID:		1508585			Data Entry Status:
Construction Date:					Data Src:
Primary Water Use:		Domestic			1
Sec. Water Use:		0			Date Received:
Final Well Status:		Water Supply			5/8/1950
Water Type:					Selected Flag:
Casing Material:					Yes
Audit No:					Abandonment Rec:
Tag:					Contractor:
Construction Method:					3566
Elevation (m):					Form Version:
Elevation Reliability:					1
Depth to Bedrock:					Owner:
Well Depth:					Street Name:
Overburden/Bedrock:					County:
Pump Rate:					OTTAWA-CARLETON
Static Water Level:					Municipality:
Flowing (Y/N):					OTTAWA CITY
Flow Rate:					Site Info:
Clear/Cloudy:					Lot:
					Concession:
					Concession Name:
					Easting NAD83:
					Northing NAD83:
					Zone:
					UTM Reliability:

Bore Hole Information

Bore Hole ID:		10030619			Elevation:	64.333503
DP2BR:					Elevrc:	
Spatial Status:					Zone:	18
Code OB:		o			East83:	439770.7
Code OB Desc:		Overburden			North83:	5025672
Open Hole:					Org CS:	
Cluster Kind:					UTMRC:	9
Date Completed:		1/21/1950			UTMRC Desc:	unknown UTM
Remarks:					Location Method:	p9
Elevrc Desc:						
Location Source Date:						
Improvement Location Source:						
Improvement Location Method:						
Source Revision Comment:						
Supplier Comment:						

Overburden and Bedrock

Materials Interval

Formation ID:		931010051
Layer:		1
Color:		
General Color:		
Mat1:		05
Most Common Material:		CLAY
Mat2:		09
Other Materials:		MEDIUM SAND
Mat3:		12

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other Materials:		STONES			
Formation Top Depth:		0			
Formation End Depth:		77			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010052			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		77			
Formation End Depth:		79			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10579189			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930053872			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		79			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991508585			
Pump Set At:					
Static Level:		42			
Final Level After Pumping:		64			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water State After Test:		CLEAR			
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
 <u>Water Details</u>					
Water ID:		933463152			
Layer:	1				
Kind Code:	1				
Kind:		FRESH			
Water Found Depth:	65				
Water Found Depth UOM:	ft				
 <u>Water Details</u>					
Water ID:		933463153			
Layer:	2				
Kind Code:	1				
Kind:		FRESH			
Water Found Depth:	79				
Water Found Depth UOM:	ft				
<hr/>					
8	2 of 2	NE/102.9	61.9 / -1.95	ON	WWIS
Well ID:	1508586			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/8/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3566
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	10030620			Elevation:	64.333503
DP2BR:	81			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439770.7
Code OB Desc:	Bedrock			North83:	5025672
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	4/27/1950			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010055			
Layer:		3			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		81			
Formation End Depth:		181			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010053			
Layer:		1			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010054			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		81			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10579190			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053875			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		181			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053873			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		78			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053874			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		98			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508586			
Pump Set At:					
Static Level:		48			
Final Level After Pumping:		78			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933463154			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933463155			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		181			
Water Found Depth UOM:		ft			
9	1 of 1	NW/105.2	63.0 / -0.87	ON	BORE
Borehole ID:	611043			Inclin FLG:	No
OGF ID:	215512544			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.382144
Total Depth m:	-999			Longitude DD:	-75.770847
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	439651
Drill Method:				Northing:	5025692
Orig Ground Elev m:	62.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	63.8				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218387319			Mat Consistency:	
Top Depth:	11			Material Moisture:	
Bottom Depth:	11.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218387317			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	9.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:		CLAY.		Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218387318 9.1 11 Till TILL.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218387320 11.6 Bedrock BEDROCK. UNSPECIFIED,TILL, SILT. DENSE. UNSPECIFIED,TILL, SILT. DENSE. BEDROCK. 00000 0			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
Stratum Description:		BEDROCK. UNSPECIFIED,TILL, SILT. DENSE. UNSPECIFIED,TILL, SILT. DENSE. BEDROCK. 00000 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.			

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 035510 NTS_Sheet: 31G05F		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

10	1 of 1	SW/105.6	66.0 / 2.17	OTTAWA ON	WWIS
Well ID:	7296573	Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use:	Test Hole	Date Received:	10/5/2017		
Sec. Water Use:	Monitoring	Selected Flag:	Yes		
Final Well Status:	Observation Wells	Abandonment Rec:			
Water Type:		Contractor:	7241		
Casing Material:		Form Version:	7		
Audit No:	Z250787	Owner:			
Tag:	A189915	Street Name:	BYRON LINEAR PARK		
Construction Method:		County:	OTTAWA-CARLETON		
Elevation (m):		Municipality:	OTTAWA CITY		
Elevation Reliability:		Site Info:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1006758604			Elevation:	65.99662
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439634
Code OB Desc:				North83:	5025515
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	9/14/2017			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006953253				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	0				
Formation End Depth:	1.21				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006953254				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	1.21				
Formation End Depth:	2.43				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1006953255			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		2.43			
Formation End Depth:		5.79			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006953263			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006953264			
Layer:		2			
Plug From:		0.31			
Plug To:		2.43			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006953265			
Layer:		3			
Plug From:		2.43			
Plug To:		5.79			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006953252			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006953258			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.74			
Casing Diameter:		5.2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1006953259			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.74			
Screen End Depth:		5.79			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.03			
 <u>Hole Diameter</u>					
Hole ID:		1006953256			
Diameter:		15.24			
Depth From:		0			
Depth To:		5.79			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
11	1 of 1	NNW/106.1	61.8 / -2.00	The First Unitarian Congregation of Ottawa 40 Cleary Parkway Ottawa ON	ECA
Approval No:	2630-6YDS4B			MOE District:	
Approval Date:	2007-02-15			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-Municipal Drinking Water Systems				
Project Type:	Municipal Drinking Water Systems				
Address:	40 Cleary Parkway				
Full Address:					
Full PDF Link:					
<hr/>					
12	1 of 1	ENE/112.1	62.8 / -1.03	lot 28 con 1 ON	WWIS
Well ID:	1503951			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/5/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	028

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025994			Elevation:	64.112266
DP2BR:	100			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439805.7
Code OB Desc:	Bedrock			North83:	5025632
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/15/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997999				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	2				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930998000				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:					
Other Materials:					
Formation Top Depth:	12				
Formation End Depth:	100				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:					
		930998001			
Layer:					
		4			
Color:					
General Color:					
Mat1:					
		15			
Most Common Material:					
		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
		100			
Formation End Depth:					
		115			
Formation End Depth UOM:					
		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:					
		930997998			
Layer:					
		1			
Color:					
General Color:					
Mat1:					
		02			
Most Common Material:					
		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
		0			
Formation End Depth:					
		2			
Formation End Depth UOM:					
		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:					
		1			
Method Construction:					
		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:					
		10574564			
Casing No:					
		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:					
		930044722			
Layer:					
		2			
Material:					
		4			
Open Hole or Material:					
		OPEN HOLE			
Depth From:					
Depth To:					
		115			
Casing Diameter:					
		4			
Casing Diameter UOM:					
		inch			
Casing Depth UOM:					
		ft			
<u>Construction Record - Casing</u>					
Casing ID:					
		930044721			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991503951			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		12			
Recommended Pump Depth:					
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933456983			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110			
Water Found Depth UOM:		ft			
<hr/>					
<u>13</u>	1 of 1	E/112.6	63.9 / 0.05	ON	WWIS
Well ID:	1508588			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	8/11/1952
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10030622			Elevation:	64.559165
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439810.7
Code OB Desc:	Overburden			North83:	5025587
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/1/1951			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931010063				
Layer:	1				
Color:					
General Color:					
Mat1:	13				
Most Common Material:	BOULDERS				
Mat2:	05				
Other Materials:	CLAY				
Mat3:	09				
Other Materials:	MEDIUM SAND				
Formation Top Depth:	0				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10579192				
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930053878				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	55				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	E/113.2	63.9 / 0.05	lot 28 con 1 ON	WWIS
<div> <div> Well ID: 1503940 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 1/5/1950 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 028 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025983 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 4/15/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 64.54367 Elevrc: Zone: 18 East83: 439810.7 North83: 5025582 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997965 Layer: 2 Color: General Color: Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 2 Formation End Depth: 12 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997966 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997964			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574553			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044698			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044699			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503940			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		17			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456970			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			

15	1 of 1	N/113.9	61.8 / -2.01	ON	WWIS
Well ID:		7293182		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received:	
Sec. Water Use:		Monitoring		Selected Flag:	
Final Well Status:		Test Hole		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:		Z258477		Owner:	
Tag:		A182666		Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<u>Bore Hole Information</u>					
Bore Hole ID:		1006713741		Elevation:	
				63.996212	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439709
Code OB Desc:				North83:	5025712
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/16/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006855149			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006855150			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006855152			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		8.2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:	11				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1006855151				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	3.1				
Formation End Depth:	8.2				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006855161				
Layer:	2				
Plug From:	0.31				
Plug To:	7.3				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006855162				
Layer:	3				
Plug From:	7.3				
Plug To:	11				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006855160				
Layer:	1				
Plug From:	0				
Plug To:	0.31				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1006855148				
Casing No:	0				
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:	1006855155				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	7.9				
Casing Diameter:	5.2				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1006855156				
Layer:	1				
Slot:	10				
Screen Top Depth:	7.9				
Screen End Depth:	11				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	6.03				
<u>Hole Diameter</u>					
Hole ID:	1006855153				
Diameter:	20.23				
Depth From:	0				
Depth To:	11				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
16	1 of 1	ENE/120.2	62.7 / -1.12	lot 28 con 1 ON	WWIS
Well ID:	1503959			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/5/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	028
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10026002			Elevation:	63.989559
DP2BR:	100			Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Spatial Status:				Zone:	18
Code OB:	r			East83:	439800.7
Code OB Desc:	Bedrock			North83:	5025662
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/14/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930998027			
Layer:		4			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		100			
Formation End Depth:		110			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930998024			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930998026			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		100			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930998025			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574572			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044738			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044739			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		110			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503959			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At: Static Level: 10 Final Level After Pumping: 15 Recommended Pump Depth: Pumping Rate: 12 Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 0 Pumping Duration MIN: 15 Flowing: N					
<u>Water Details</u>					
Water ID: 933456993 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 110 Water Found Depth UOM: ft					
17	1 of 1	E/124.3	62.8 / -1.03	lot 28 con 1 ON	WWIS
Well ID: 1503950 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: 1/5/1950 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 028 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10025993 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 4/15/1949 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source:					
Elevation: 64.192169 Elevrc: Zone: 18 East83: 439820.7 North83: 5025622 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997995			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997996			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997997			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10574563			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044719			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044720			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503950			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456982			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	SSW/128.1	65.8 / 2.02	Enbridge Gas Distribution Inc. 2045 Honeywell Ave Ottawa ON	SPL
<div> <div> Ref No: 8773-BBQJM4 Site No: NA Incident Dt: 4/30/2019 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 4/30/2019 Dt Document Closed: 6/29/2019 Incident Reason: Operator/Human Error Site Name: 2045 Honeywell Ave, Ottawa<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: made safe, Enbridge 1/2" IP plastic line strike Contaminant Qty: 0 ft³ </div> <div> Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Corporation Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 2045 Honeywell Ave Site District Office: Ottawa Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5025485.72 Easting: 439697.05 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Air Spills - Gases and Vapours Source Type: Valve/Fitting/Piping </div> </div>					
19	1 of 1	ENE/129.5	62.9 / -0.95	lot 28 con 1 ON	WWIS
<div> <div> Well ID: 1503941 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 1/5/1950 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 028 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025984 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: </div> <div> Elevation: 63.908214 Elevrc: Zone: 18 East83: 439820.7 North83: 5025642 Org CS: UTMRC: 9 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:		4/15/1948		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997967			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997969			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997968			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
Use					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574554			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044700			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044701			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503941			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456971			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		90			
Water Found Depth UOM:		ft			
20	1 of 1	ENE/139.7	62.9 / -0.95	lot 28 con 1 ON	WWIS
Well ID:		1503944		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	1/5/1950
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	028
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10025987		Elevation:	63.821334
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:		0		East83:	439810.7
Code OB Desc:		Overburden		North83:	5025682
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		5/10/1948		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997978			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997976			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997977			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574557			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044706			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing ID:		930044707			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991503944			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933456974			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			
<hr/>					
21	1 of 2	E/141.8	63.8 / 0.01	lot 27 con 1 ON	WWIS
Well ID:	1503909			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/23/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10025952			Elevation:	64.638145
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439835.7
Code OB Desc:	Overburden			North83:	5025562
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	1/1/1948			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997863				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997865				
Layer:	3				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	60				
Formation End Depth:	90				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997864				
Layer:	2				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574522			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044652			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503909			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		14			
Recommended Pump Depth:					
Pumping Rate:		8			
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:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456936			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	2 of 2	E/141.8	63.8 / 0.01	lot 27 con 1 ON	WWIS
<div> <div> Well ID: 1503938 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 1/20/1950 Selected Flag: Yes Abandonment Rec: Contractor: 4216 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025981 DP2BR: 102 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 12/30/1949 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 64.638145 Elevrc: Zone: 18 East83: 439835.7 North83: 5025562 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997955 Layer: 1 Color: General Color: Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 50 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		930997958			
Layer:		4			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		102			
Formation End Depth:		166			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		930997957			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		75			
Formation End Depth:		102			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		930997956			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10574551			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930044694			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		102			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044695			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		166			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503938			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		70			
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456969			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		ft			

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1 of 1

ESE/147.8

64.6 / 0.74

ON

WWIS

Well ID:	1509072	Data Entry Status:	
Construction Date:		Data Src:	8
Primary Water Use:	Domestic	Date Received:	9/7/1954
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3725

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10031106 68 r Bedrock 10/27/1953 				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:	0				
Formation End Depth:	68				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10579676				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930054860				
Layer:	3				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	130				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930054858				
Layer:	1				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:	48				
Casing Diameter:					
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930054859				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	68				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991509072				
Pump Set At:					
Static Level:	20				
Final Level After Pumping:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: N					
Water Details					
Water ID:		933463866			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		128			
Water Found Depth UOM:		ft			

23	1 of 1	N/148.4	61.2 / -2.64	OTTAWA ON	WWIS
Well ID: 7305505 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Monitoring Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z277509 Tag: A185780 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: 2/13/2018 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 747 RICHMOND RD County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Bore Hole Information					
Bore Hole ID:	1006985379			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439715
Code OB Desc:				North83:	5025746
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/3/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144427			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		1.21			
Formation End Depth:		8.22			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144426			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1.21			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144428			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8.22			
Formation End Depth:		10.66			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007144438			
Layer:		3			
Plug From:		7.31			
Plug To:		10.66			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1007144436			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007144437			
Layer:		2			
Plug From:		0.31			
Plug To:		7.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007144425			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007144431			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007144432			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.62			
Screen End Depth:		10.66			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1007144429			
Diameter:		20.95			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		10.66			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

24	1 of 1	NNE/148.8	61.2 / -2.62	ON	WWIS
Well ID:	7293198			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/18/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258480			Owner:	
Tag:	A182669			Street Name:	RICHMOND ROAD & CLEARY
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006713618	Elevation:	63.901561
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	439738
Code OB Desc:		North83:	5025742
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/29/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006827415
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	84
Other Materials:	SILTY
Formation Top Depth:	4.57
Formation End Depth:	10.7
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006827414			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006827413			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0.61			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006827412			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.61			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006827423			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006827424			
Layer:		2			
Plug From:		0.31			
Plug To:		7			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006827425			
Layer:		3			
Plug From:		7			
Plug To:		10.7			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006827411			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006827418			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006827419			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.62			
Screen End Depth:		10.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1006827416			
Diameter:		20.23			
Depth From:		0			
Depth To:		10.7			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
25	1 of 1	NNE/151.5	61.2 / -2.62	OTTAWA ON	WWIS
Well ID: 7305504				Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use: Test Hole				Date Received: 2/13/2018	
Sec. Water Use: Monitoring				Selected Flag: Yes	
Final Well Status: Test Hole				Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No: Z277510				Owner:	
Tag: A185781				Street Name: 747 RICHMOND RD	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1006985376				Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 439729	
Code OB Desc:				North83: 5025747	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed: 1/3/2017				UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1007143746					
Layer: 2					
Color: 2					
General Color: GREY					
Mat1: 06					
Most Common Material: SILT					
Mat2: 05					
Other Materials: CLAY					
Mat3:					
Other Materials:					
Formation Top Depth: 1.21					
Formation End Depth: 8.22					
Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007143745			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1.21			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007143747			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8.22			
Formation End Depth:		10.66			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007143757			
Layer:		3			
Plug From:		7.31			
Plug To:		10.66			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007143755			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007143756			
Layer:		2			
Plug From:		0.31			
Plug To:		7.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007143744			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007143750			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007143751			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.62			
Screen End Depth:		10.66			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1007143748			
Diameter:		20.95			
Depth From:		0			
Depth To:		10.66			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

26	1 of 2	NNW/152.1	61.2 / -2.64	Unitarian House of Ottawa 20 Cleary Ave. 20 Cleary Ave. Ottawa ON K2A 3Z9	GEN
Generator No:		ON3250595			
Status:					
Approval Years:		2014			
Contam. Facility:		No			
MHSW Facility:		No			
SIC Code:		531112			
SIC Description:		531112			
PO Box No:					
Country:		Canada			
Choice of Contact:		CO_OFFICIAL			
Co Admin:		David Curry			
Phone No Admin:		613-722-6690 Ext.			

<u>Detail(s)</u>					
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
26	2 of 2	NNW/152.1	61.2 / -2.64	Unitarian House of Ottawa 20 Cleary Ave Ottawa ON K2A3Z9	GEN
Generator No:		ON7442425		PO Box No:	
Status:		Registered		Country:	Canada
Approval Years:		As of Dec 2017		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
27	1 of 1	NNE/152.3	61.2 / -2.62	OTTAWA ON	WWIS
Well ID:		7305506		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received:	2/13/2018
Sec. Water Use:		Monitoring		Selected Flag:	Yes
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z277501		Owner:	
Tag:		A189874		Street Name:	747 RICHMOND RD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006985382		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439728
Code OB Desc:				North83:	5025748
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		1/14/2018		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144451			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144452			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		1			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007144453			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		26			
Formation End Depth:		34.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007144465			
Layer:		4			
Plug From:		23.5			
Plug To:		34.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007144462			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007144463			
Layer:		2			
Plug From:		1			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007144464			
Layer:		3			
Plug From:		18			
Plug To:		23.5			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007144450			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007144457			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		24.5			
Casing Diameter:		1.38			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007144458			
Layer:		1			
Slot:		10			
Screen Top Depth:		24.5			
Screen End Depth:		34.5			
Screen Material:		5			
Screen Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter UOM:		inch			
Screen Diameter:		1.66			
<u>Hole Diameter</u>					
Hole ID:		1007144454			
Diameter:		3.5			
Depth From:		0			
Depth To:		28			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1007144455			
Diameter:		2.375			
Depth From:		28			
Depth To:		34.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
28	1 of 1	ESE/152.6	64.6 / 0.74	lot 27 con 1 ON	WWIS
Well ID:		1503931		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:		0		Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10025974		Elevation:	
DP2BR:		100		Elevrc:	
Spatial Status:				Zone:	
Code OB:		r		East83:	
Code OB Desc:		Bedrock		North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		12/15/1949		UTMRC Desc:	
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997934			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997935			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997933			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997936			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		100			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574544			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044687			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044686			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		100			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503931			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		100			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN: Flowing:		0 N			
Water Details					
Water ID:		933456962			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150			
Water Found Depth UOM:		ft			

29	1 of 1	WNW/152.9	61.9 / -1.95	ON	BORE
Borehole ID:		611042		Inclin FLG:	No
OGF ID:		215512543		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		SEP-1965		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.382047
Total Depth m:		4.1		Longitude DD:	-75.771868
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	439571
Drill Method:				Northing:	5025682
Orig Ground Elev m:		59.8		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		62.4			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:		218387316		Mat Consistency:	
Top Depth:		2.4		Material Moisture:	
Bottom Depth:		4.1		Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Bedrock		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK. 00000 023 00050 010 0000001800050018000900140070ND. BEDROCK,LIMESTONE, D **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:		218387315		Mat Consistency:	Dense
Top Depth:		1.8		Material Moisture:	
Bottom Depth:		2.4		Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Unknown		Geologic Formation:	
Material 2:		Till		Geologic Group:	
Material 3:		Silt		Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		UNSPECIFIED,TILL, SILT. DENSE.			
Geology Stratum ID:		218387313		Mat Consistency:	
Top Depth:		0		Material Moisture:	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10025960			Elevation:	64.085975
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439840.7
Code OB Desc:	Overburden			North83:	5025662
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/15/1948			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997891				
Layer:	3				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	65				
Formation End Depth:	80				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997892				
Layer:	4				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	80				
Formation End Depth:	95				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997889				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997890			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574530			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044661			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		95			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503917			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		8			
Recommended Pump Depth:					
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: 45 Flowing: N					
<u>Water Details</u>					
Water ID: 933456945 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 90 Water Found Depth UOM: ft					
30	2 of 2	ENE/155.6	62.9 / -0.88	lot 27 con 1 ON	WWIS
Well ID: 1503918 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: 3/23/1949 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10025961 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 12/15/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: 64.085975 Elevrc: Zone: 18 East83: 439840.7 North83: 5025662 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		930997894			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997896			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		80			
Formation End Depth:		95			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997895			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		65			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997893			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574531			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044662			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		95			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503918			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		14			
Recommended Pump Depth:					
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		45			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456946			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95			
Water Found Depth UOM:		ft			
31	1 of 2	ENE/156.2	62.8 / -0.98	lot 27 con 1 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1503915			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/23/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
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:	10025958	Elevation:	63.855953
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	439830.7
Code OB Desc:	Overburden	North83:	5025682
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/15/1948	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930997884
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930997885
Layer:	3
Color:	
General Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997883			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574528			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044659			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503915			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		20			
Recommended Pump Depth:					
Pumping Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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					
<u>Water Details</u>					
Water ID: 933456943 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 60 Water Found Depth UOM: ft					
31	2 of 2	ENE/156.2	62.8 / -0.98	lot 27 con 1 ON	WWIS
Well ID: 1503916 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: 3/23/1949 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10025959 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 12/15/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Elevation: 63.855953 Elevrc: Zone: 18 East83: 439830.7 North83: 5025682 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997887			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997888			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997886			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574529			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930044660				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	90				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991503916				
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	17				
Recommended Pump Depth:					
Pumping Rate:	8				
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:	30				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933456944				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	90				
Water Found Depth UOM:	ft				

32	1 of 1	NNE/156.7	61.2 / -2.62	Ottawa ON	WWIS
Well ID:	7293199			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/18/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258478			Owner:	
Tag:	A182667			Street Name:	RICHMOND ROAD & CLEARY
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		0.31			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006827465			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0.31			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006827467			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		7.62			
Formation End Depth:		10.6			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1006827478			
Layer:		3			
Plug From:		8.5			
Plug To:		12.1			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1006827477			
Layer:		2			
Plug From:		0.31			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		8.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006827476			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006827463			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006827471			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		9.1			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006827472			
Layer:		1			
Slot:		10			
Screen Top Depth:		9.1			
Screen End Depth:		12.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Hole Diameter</u>					
Hole ID:		1006827469			
Diameter:		20.23			
Depth From:		0			
Depth To:		12.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 1	ESE/157.5	64.6 / 0.74	lot 27 con 1 ON	WWIS
<div> <div> Well ID: 1503930 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 12/18/1950 Selected Flag: Yes Abandonment Rec: Contractor: 3718 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025973 DP2BR: 100 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 12/15/1949 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 64.711341 Elevrc: Zone: 18 East83: 439845.7 North83: 5025542 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> <div> Formation ID: 930997931 Layer: 3 Color: General Color: Mat1: 14 Most Common Material: HARDPAN Mat2: 13 Other Materials: BOULDERS Mat3: Other Materials: Formation Top Depth: 40 Formation End Depth: 100 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> <div> Formation ID: 930997932 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		100			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997929			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997930			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574543			
Casing No:		1			
Comment:					
Alt Name:					

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

Casing ID: 930044685
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 150
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930044684
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 100
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503930
Pump Set At:
Static Level: 6
Final Level After Pumping: 10
Recommended Pump Depth:
Pumping Rate: 2
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933456961
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 150
Water Found Depth UOM: ft

34	1 of 3	ESE/159.0	64.0 / 0.19	lot 27 con 1 ON	WWIS
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Well ID: 1503933	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 12/18/1950
Sec. Water Use: 0	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 3718
Casing Material:	Form Version: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025976			Elevation:	64.59552
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	0			East83:	439850.7
Code OB Desc:	Overburden			North83:	5025552
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/1/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997941				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	5				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997940				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:	5				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997942				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	40				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10574546				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930044689				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	60				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991503933				
Pump Set At:					
Static Level:	6				
Final Level After Pumping:	10				
Recommended Pump Depth:					
Pumping Rate:	100				
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:	933456964				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60				
Water Found Depth UOM:	ft				
34	2 of 3	ESE/159.0	64.0 / 0.19	lot 27 con 1 ON	WWIS
Well ID:	1503935			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
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:	10025978			Elevation:	64.59552
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	0			East83:	439850.7
Code OB Desc:	Overburden			North83:	5025552
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/18/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	930997948				
Layer:	3				
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		40			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997947			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997946			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574548			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044691			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991503935			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		100			
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			
 <u>Water Details</u>					
Water ID:		933456966			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
<hr/>					
34	3 of 3	ESE/159.0	64.0 / 0.19	lot 27 con 1 ON	WWIS
Well ID:	1503936			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10025979			Elevation:	64.59552
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439850.7
Code OB Desc:	Overburden			North83:	5025552
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/1/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997949				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	5				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997951				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	40				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997950				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574549			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044692			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503936			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		100			
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			
<u>Water Details</u>					
Water ID:		933456967			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 1	E/163.7	63.9 / 0.10	lot 27 con 1 ON	WWIS
<div> <div> Well ID: 1503913 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 3/23/1949 Selected Flag: Yes Abandonment Rec: Contractor: 3728 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025956 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 12/15/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 63.939235 Elevrc: Zone: 18 East83: 439860.7 North83: 5025622 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997876 Layer: 1 Color: General Color: Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 40 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997877 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997878			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574526			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044657			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503913			
Pump Set At:					
Static Level:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping: 16 Recommended Pump Depth: Pumping Rate: 7 Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 30 Flowing: N					
<u>Water Details</u>					
Water ID: 933456941 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 90 Water Found Depth UOM: ft					
36	1 of 3	N/163.9	60.9 / -2.95	Signs in 23 Hours, Inc. 747 Richmond Rd Unit B Ottawa ON K2A 0G6	SCT
Established: 1990 Plant Size (ft²): Employment:					
<u>--Details--</u>					
Description: Sign Manufacturing SIC/NAICS Code: 339950					
36	2 of 3	N/163.9	60.9 / -2.95	ON	WWIS
Well ID: 1508762 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: 12/8/1952 Selected Flag: Yes Abandonment Rec: Contractor: 4748 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10030796			Elevation:	62.822971
DP2BR:	27			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439710.7
Code OB Desc:	Bedrock			North83:	5025762
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/16/1952			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931010527				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	02				
Other Materials:	TOPSOIL				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	0				
Formation End Depth:	27				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931010528				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	27				
Formation End Depth:	61				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10579366				
Casing No:	1				

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

Construction Record - Casing

Casing ID: 930054227
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 61
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054226
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 31
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508762
 Pump Set At:
 Static Level: 15
 Final Level After Pumping: 30
 Recommended Pump Depth:
 Pumping Rate: 4
 Flowing Rate:
 Recommended Pump Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 0
 Pumping Duration MIN: 15
 Flowing: N

Water Details

Water ID: 933463424
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 50
 Water Found Depth UOM: ft

36	3 of 3	N/163.9	60.9 / -2.95	Morrison Hershfield Limited 747 Richmond Road Ottawa ON K2A 1R8	GEN
Generator No:	ON9207424			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		221 L			
Waste Class Desc:		Light fuels			
37	1 of 1	N/164.4	61.2 / -2.64	ON	WWIS
Well ID: 7293486				Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/29/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	8
Audit No: C30073				Owner:	
Tag: A215082				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1006714150				Elevation:	61.860435
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	439681
Code OB Desc:				North83:	5025762
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed: 6/20/2017				UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
38	1 of 1	WNW/168.7	62.2 / -1.64	OTTAWA ON	WWIS
Well ID: 7162152				Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use: Domestic				Date Received:	4/20/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status: Water Supply				Abandonment Rec:	
Water Type:				Contractor:	3749
Casing Material:				Form Version:	7
Audit No: Z103275				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	A089793			Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	30 CLEARY AVE OTTAWA-CARLETON OTTAWA CITY
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	1003502128			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	61.822704 18 439545 5025668 dmi83 2 margin of error : 3 - 10 m wwr
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1003883357				
	1				
	34				
	TILL				
	79				
	PACKED				
	0				
	8				
	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth:	1003883360				
	4				
	8				
	BLACK				
	17				
	SHALE				
	104				
	380				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003883358			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003883359			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		65			
Formation End Depth:		104			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003883396			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003883355			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		1003883366			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-1.5			
Depth To:		20			
Casing Diameter:		5.625			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003883367			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003883356			
Pump Set At:		320			
Static Level:		8			
Final Level After Pumping:		151			
Recommended Pump Depth:		330			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883370			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883376			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		40			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883379			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		10			
Test Level:		122			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883387			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883388			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		126			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883392			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		151			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883371			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		130			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883369			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		134			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883391			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		83			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883393			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		74			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883368			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		10			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883383			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		110			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883384			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		101			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883386			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		116			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883389			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		90			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883377			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		126			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883378			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		56			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883381			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		15			
Test Level:		116			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883382			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		87			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883372			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883385			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		104			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883390			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		139			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883373			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		129			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883374			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		33			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883375			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		127			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003883380			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1003883365			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		345			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1003883363			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		170			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1003883364			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		217			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003883362			
Diameter:		10			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1003883361			
Diameter:		6			
Depth From:		20			
Depth To:		380			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
39	1 of 1	NNE/172.3	60.9 / -2.95	Ottawa ON	WWIS
Well ID:	7293181			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/18/2017

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258479			Owner:	
Tag:	A182668			Street Name:	RICHMOND ROAD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006713738	Elevation:	63.758472
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	439750
Code OB Desc:		North83:	5025763
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/28/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006855134
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.61
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006855137
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		4.57			
Formation End Depth:		10.7			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006855135			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0.61			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006855136			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006855146			
Layer:		2			
Plug From:		0.31			
Plug To:		7			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006855145			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Plug ID:		1006855147			
Layer:		3			
Plug From:		7			
Plug To:		10.7			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006855133			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006855140			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1006855141			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.62			
Screen End Depth:		10.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
 <u>Hole Diameter</u>					
Hole ID:		1006855138			
Diameter:		20.23			
Depth From:		0			
Depth To:		10.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

40	1 of 1	E/172.8	64.9 / 1.05	lot 27 con 1 ON	WWIS
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Well ID:	1503932			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
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:	10025975	Elevation:	64.166404
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	439870.7
Code OB Desc:	Overburden	North83:	5025582
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/1/1949	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930997939
Layer:	3
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	40
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930997937
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997938			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574545			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044688			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503932			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933456963				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60				
Water Found Depth UOM:	ft				
41	1 of 1	WNW/180.7	61.6 / -2.26	ON	BORE
Borehole ID:	611044			Inclin FLG:	No
OGF ID:	215512545			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	MAY-1964			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.382225
Total Depth m:	3.9			Longitude DD:	-75.772126
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	439551
Drill Method:				Northing:	5025702
Orig Ground Elev m:	61			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	61.5				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218387322			Mat Consistency:	Loose
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	Fine to Medium
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND-FINE TO MEDIUM.LOOSE.				
Geology Stratum ID:	218387325			Mat Consistency:	Dense
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	2.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED,TILL. DENSE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218387324			Mat Consistency:	Dense
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	2.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,CLAY,SAND. DENSE.				
Geology Stratum ID:	218387326			Mat Consistency:	
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	3.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. 0000001800050018000900140070ND. BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND.				
Geology Stratum ID:	218387321			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Wood Fragments			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL,WOOD,SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218387323			Mat Consistency:	Loose
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,CLAY,SAND. LOOSE.				
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 035520 NTS_Sheet: 31G05F				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Originators:		Geological Survey of Canada			
42	1 of 1	NE/180.8	62.7 / -1.09	lot 27 con 1 ON	WWIS
Well ID: 1503914		Data Entry Status:			
Construction Date:		Data Src: 1			
Primary Water Use: Domestic		Date Received: 3/23/1949			
Sec. Water Use: 0		Selected Flag: Yes			
Final Well Status: Water Supply		Abandonment Rec:			
Water Type:		Contractor: 3728			
Casing Material:		Form Version: 1			
Audit No:		Owner:			
Tag:		Street Name:			
Construction Method:		County: OTTAWA-CARLETON			
Elevation (m):		Municipality: OTTAWA CITY (NEPEAN)			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot: 027			
Well Depth:		Concession: 01			
Overburden/Bedrock:		Concession Name: OF			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10025957		Elevation: 64.452651			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB: 0		East83: 439830.7			
Code OB Desc: Overburden		North83: 5025722			
Open Hole:		Org CS:			
Cluster Kind:		UTMRC: 9			
Date Completed: 12/15/1948		UTMRC Desc: unknown UTM			
Remarks:		Location Method: p9			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 930997879					
Layer: 1					
Color:					
General Color:					
Mat1: 05					
Most Common Material: CLAY					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 50					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		930997880			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997881			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		65			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997882			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		80			
Formation End Depth:		95			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574527			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044658			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		95			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503914			
Pump Set At:					
Static Level:		28			
Final Level After Pumping:		33			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456942			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		20			
Water Found Depth UOM:		ft			

43	1 of 1	SE/181.8	66.2 / 2.36	ON	WWIS
Well ID:	7295158			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	9/22/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	8
Audit No:	C30093			Owner:	
Tag:	A183841			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1006730703		Elevation: 65.460342			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 439809			
Code OB Desc:		North83: 5025454			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 4			
Date Completed: 9/1/2017		UTMRC Desc: margin of error : 30 m - 100 m			
Remarks:		Location Method: wwr			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

<u>Bore Hole Information</u>	
Bore Hole ID:	10025985
DP2BR:	
Spatial Status:	
Code OB:	0
Code OB Desc:	Overburden
Open Hole:	
Cluster Kind:	
Date Completed:	5/15/1948
Remarks:	
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Elevation:	64.480773
Elevrc:	
Zone:	18
East83:	439850.7
North83:	5025702
Org CS:	
UTMRC:	9
UTMRC Desc:	unknown UTM
Location Method:	p9

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997970			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997972			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997971			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pipe ID:		10574555			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930044702			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930044703			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991503942			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933456972			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			
<hr/>					
45	1 of 2	E/187.1	63.9 / 0.05	lot 27 con 1 ON	WWIS
Well ID:	1503934			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025977			Elevation:	64.333404
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439880.7
Code OB Desc:	Overburden			North83:	5025642
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/18/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997945				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	40				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997944				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	5				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997943				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	5				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10574547				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930044690				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	60				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991503934				
Pump Set At:					
Static Level:	6				
Final Level After Pumping:	10				
Recommended Pump Depth:					
Pumping Rate:	100				
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		933456965			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
45	2 of 2	E/187.1	63.9 / 0.05	lot 27 con 1 ON	WWIS
Well ID:	1503937			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
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:	10025980			Elevation:	64.333404
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	0			East83:	439880.7
Code OB Desc:	Overburden			North83:	5025642
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/1/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		930997954			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		40			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997952			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997953			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574550			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044693			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503937			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		10			
Recommended Pump Depth:					
Pumping Rate:		100			
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			
<u>Water Details</u>					
Water ID:		933456968			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

46	1 of 2	ESE/197.8	65.1 / 1.27	lot 27 con 1 ON	WWIS
Well ID:	1503910			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/23/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3728
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10025953			Elevation:	65.503135
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439850.7
Code OB Desc:	Overburden			North83:	5025472
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	2/20/1948			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997866				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Other Materials:	BOULDERS				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	0				
Formation End Depth:	105				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10574523				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930044653				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: 105 Casing Diameter: 4 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991503910 Pump Set At: Static Level: 21 Final Level After Pumping: 27 Recommended Pump Depth: Pumping Rate: 8 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: 15 Flowing: N					
<u>Water Details</u>					
Water ID: 933456937 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 105 Water Found Depth UOM: ft					
46	2 of 2	ESE/197.8	65.1 / 1.27	City of Ottawa 597 Redwood Avenue Ottawa ON K2G 6J8	ECA
Approval No: 4182-AXVL2J Approval Date: 2018-04-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 597 Redwood Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1466-AX3KEK-14.pdf					
MOE District: Ottawa City: Longitude: -75.76808 Latitude: 45.38017 Geometry X: Geometry Y:					
47	1 of 1	ESE/198.8	64.8 / 0.97	723 KEENAN AVENUE Ottawa ON K2A 0P5	HINC
External File Num: FS INC 0610-02906 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 9/28/2006 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:No			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
48	1 of 1	SE/200.4	67.7 / 3.86	2030 KNIGHTSBRIDGE ROAD OTTAWA ON K2A 0P9	HINC
External File Num:		FS INC 0710-06473			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		10/24/2007			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		Yes			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
49	1 of 1	ENE/200.7	63.9 / 0.08	lot 27 con 1 ON	WWIS
Well ID:		1503928		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		1	
Sec. Water Use:		0		Date Received:	
Final Well Status:		Water Supply		1/5/1956	
Water Type:				Selected Flag:	
Casing Material:				Yes	
Audit No:				Abandonment Rec:	
Tag:				Contractor:	
Construction Method:				3728	
Elevation (m):				Form Version:	
Elevation Reliability:				1	
Depth to Bedrock:				Owner:	
Well Depth:				Street Name:	
Overburden/Bedrock:				County:	
Pump Rate:				OTTAWA-CARLETON	
Static Water Level:				Municipality:	
Flowing (Y/N):				OTTAWA CITY (NEPEAN)	
Flow Rate:				Site Info:	
Clear/Cloudy:				Lot:	
				027	
				Concession:	
				01	
				Concession Name:	
				OF	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10025971			Elevation:	64.416404
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	439870.7
Code OB Desc:	Overburden			North83:	5025702
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/10/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997923				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	2				
Formation End Depth:	12				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997922				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997924				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574541			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044681			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503928			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		15			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456959			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	1 of 1	NE/205.4	62.2 / -1.64	lot 27 con 1 ON	WWIS
<div> <div> Well ID: 1503911 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 11/24/1948 Selected Flag: Yes Abandonment Rec: Contractor: 4216 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 027 Concession: 01 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10025954 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 4/23/1948 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 64.610595 Elevrc: Zone: 18 East83: 439845.7 North83: 5025742 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930997867 Layer: 1 Color: 3 General Color: BLUE Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 12 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		930997868			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997869			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		16			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997870			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		63			
Formation End Depth:		77			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10574524			
Casing No:		1			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044654			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		77			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503911			
Pump Set At:					
Static Level:		32			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456938			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		ft			

51	1 of 1	E/206.6	65.0 / 1.19	lot 27 con 1 ON	WWIS
Well ID:	1503925			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/29/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4216
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10025968			Elevation:	64.585456
DP2BR:	96			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439900.7
Code OB Desc:	Bedrock			North83:	5025642
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/29/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997910				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	54				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997913				
Layer:	4				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	96				
Formation End Depth:	98				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930997912				
Layer:	3				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		75			
Formation End Depth:		96			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997911			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		54			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574538			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044676			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		98			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044675			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		96			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503925			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456956			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		97			
Water Found Depth UOM:		ft			
52	1 of 2	E/209.8	66.2 / 2.37	lot 27 con 1 ON	WWIS
Well ID:	1503926			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025969			Elevation:	64.487174
DP2BR:	70			Elevrc:	
Spatial Status:				Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:	r			East83:	439900.7
Code OB Desc:	Bedrock			North83:	5025542
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/15/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997916			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		70			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997915			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997914			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997917			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		70			
Formation End Depth:		130			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574539			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044678			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		130			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044677			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503926			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:	20				
Final Level After Pumping:	25				
Recommended Pump Depth:					
Pumping Rate:	200				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933456957				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	130				
Water Found Depth UOM:	ft				
<u>52</u>	2 of 2	E/209.8	66.2 / 2.37	lot 27 con 1 ON	WWIS
Well ID:	1503927			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/18/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025970			Elevation:	64.487174
DP2BR:	70			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439900.7
Code OB Desc:	Bedrock			North83:	5025542
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/15/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997918			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997921			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		70			
Formation End Depth:		110			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997920			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		70			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997919			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	5				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10574540				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930044679				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	70				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930044680				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	110				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991503927				
Pump Set At:					
Static Level:	20				
Final Level After Pumping:	25				
Recommended Pump Depth:					
Pumping Rate:	200				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	N				
 <u>Water Details</u>					
Water ID:	933456958				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	110				
Water Found Depth UOM:	ft				
<hr/>					
53	1 of 1	E/213.7	65.4 / 1.55	lot 24 con 1 ON	WWIS
Well ID:	1503883			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/29/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1301
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	10025926			Elevation:	64.335075
DP2BR:	98			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	439910.7
Code OB Desc:	Bedrock			North83:	5025572
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/4/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	930997803				
Layer:	4				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		70			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997801			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997805			
Layer:		6			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		98			
Formation End Depth:		170			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997800			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		50			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997802			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		55			
Formation End Depth:		70			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930997804			
Layer:		5			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		75			
Formation End Depth:		98			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574496			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044600			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		170			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>Casing ID: 930044599</div> <div>Layer: 1</div> <div>Material: 1</div> <div>Open Hole or Material: STEEL</div> <div>Depth From:</div> <div>Depth To: 98</div> <div>Casing Diameter: 5</div> <div>Casing Diameter UOM: inch</div> <div>Casing Depth UOM: ft</div> <div>Results of Well Yield Testing</div> <div>Pump Test ID: 991503883</div> <div>Pump Set At:</div> <div>Static Level: 27</div> <div>Final Level After Pumping:</div> <div>Recommended Pump Depth:</div> <div>Pumping Rate:</div> <div>Flowing Rate:</div> <div>Recommended Pump Rate:</div> <div>Levels UOM: ft</div> <div>Rate UOM: GPM</div> <div>Water State After Test Code:</div> <div>Water State After Test:</div> <div>Pumping Test Method:</div> <div>Pumping Duration HR:</div> <div>Pumping Duration MIN:</div> <div>Flowing: N</div> <div>Water Details</div> <div>Water ID: 933456897</div> <div>Layer: 1</div> <div>Kind Code: 1</div> <div>Kind: FRESH</div> <div>Water Found Depth: 167</div> <div>Water Found Depth UOM: ft</div>					
54	1 of 1	NNE/242.8	60.7 / -3.09	Regional Elevator 727 Richmond Road Ottawa ON K2A 0G6	GEN
<div>Generator No: ON6522812</div> <div>Status: Registered</div> <div>Approval Years: As of Dec 2017</div> <div>Contam. Facility:</div> <div>MHSW Facility:</div> <div>SIC Code:</div> <div>SIC Description:</div>		<div>PO Box No:</div> <div>Country: Canada</div> <div>Choice of Contact:</div> <div>Co Admin:</div> <div>Phone No Admin:</div>			
Detail(s)					
<div>Waste Class: 251 L</div> <div>Waste Class Desc: Waste oils/sludges (petroleum based)</div>					
55	1 of 1	ESE/249.7	65.9 / 2.05	Enbridge Gas Distribution Inc. 609 Redwood Avenue Ottawa ON	SPL
<div>Ref No: 6087-B4JUFF</div> <div>Site No: NA</div>		<div>Discharger Report:</div> <div>Material Group:</div>			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	2018/09/12 Leak/Break 35 NATURAL GAS (METHANE) 1075 Air No 2018/09/12 Operator/Human Error Residence<UNOFFICIAL> TSSA FSB: 1/2 inch plastic IP service line strike, made safe & repard. 0 other - see incident description			Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	2 - Minor Environment Corporation Miscellaneous Communal 609 Redwood Avenue Ottawa Eastern Ottawa TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components

Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Richmond Road	Ottawa ON	
CA	BAKERS DOZEN DONUTS	CAPILANO SQUARE	NEPEAN CITY ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	MOBIUS DEVELOPMENTS LTD.	PT.LOT 28/C-1,CROSSROAD HOME C	NEPEAN ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON	
CA	National Capital Commission	Ottawa River Parkway Detour Lane	Ottawa ON	
ECA	City of Ottawa	Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway)	Ottawa ON	K2G 6J8
GEN	NEPEAN HYDRO 28-586	Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD	NEPEAN ON	K2C 3G2

GEN	NEPEAN HYDRO	Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD	NEPEAN ON	K2C 3G2
GEN	COASTAL CANADA ENERGY LTD. 37-030	CONC.A, RIDEAU FRONT, PT.OF LOT 28 C/O P.O.BOX 5008, STATION F	NEPEAN ON	K2C 3H3
GEN	COASTAL CANADA ENERGY LTD.	CONC.A, RIDEAU FRONT, PT.OF LOT 28	NEPEAN ON	K2C 3H3
SPL	BUS	OTTAWA RIVER PKWY & LINCOLN FIELDS MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
SPL	National Capital Commission	Ottawa River Pkwy at the Parkdale Off Ramp West Bound	Ottawa ON	
WWIS		con 1	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		con 1	ON	
WWIS		lot 28	ON	
WWIS		lot 27	ON	
WWIS		lot 27	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	

Unplottable Report

Site: *Richmond Road Ottawa ON* **Database:** *CA*

Certificate #: 7965-5ERRRZ
Application Year: 02
Issue Date: 10/11/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:
Emission Control:

Site: *BAKERS DOZEN DONUTS
CAPILANO SQUARE NEPEAN CITY ON* **Database:** *CA*

Certificate #: 8-4014-89-006
Application Year: 89
Issue Date: 5/2/89
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: KITCHEN EXHAUST
Contaminants:
Emission Control:

Site: *CITY
BYRON AVE. OTTAWA ON* **Database:** *CA*

Certificate #: 3-0302-85-006
Application Year: 85
Issue Date: 4/22/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON* **Database:** *CA*

Certificate #: 3-0159-96-
Application Year: 96

Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
Richmond Road Ottawa ON

Database:
CA

Certificate #: 1424-6CXJGA
Application Year: 2005
Issue Date: 6/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Bourke Family Development Inc.**
Byron Ave Reginstered Plan No. 204 Ottawa ON

Database:
CA

Certificate #: 3911-7BKMY9
Application Year: 2008
Issue Date: 2/7/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **MOBIUS DEVELOPMENTS LTD.**
PT.LOT 28/C-1,CROSSROAD HOME C NEPEAN ON

Database:
CA

Certificate #: 3-0082-98-
Application Year: 98
Issue Date: 2/23/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: COMPUTING DEVICES COMPANY
RICHMOND RD. NEPEAN CITY ON

Database:
CA

Certificate #: 7-1397-87-
Application Year: 87
Issue Date: 9/17/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: NON-PROFIT HOUSING CORPORATION
RICHMOND RD. NON-PROFIT HOUSING OTTAWA CITY ON

Database:
CA

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
RICHMOND ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
BYRON AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1320-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: COMPUTING DEVICES COMPANY
RICHMOND RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-1688-87-
Application Year: 87
Issue Date: 9/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

Certificate #: 7893-5NLQJH
Application Year: 2003
Issue Date: 6/18/2003
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: City of Ottawa
Richmond Road Ottawa ON

Database:
CA

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
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: NON PROFIT HOUSING CORPORATION
PRIVATE (ON SITE) RICHMOND ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1118-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **National Capital Commission**
Ottawa River Parkway Detour Lane Ottawa ON

Database:
CA

Certificate #: 0973-5M4KXY
Application Year: 2003
Issue Date: 4/30/2003
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: **City of Ottawa**
Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway) Ottawa ON K2G 6J8

Database:
ECA

Approval No: 5735-6C5PWH
Approval Date: 2005-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway)
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **NEPEAN HYDRO 28-586**
Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD NEPEAN ON K2C 3G2

Database:
GEN

Generator No: ON0453103
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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

Site: **NEPEAN HYDRO**
Q.G.H. D.S.-ACRES ROAD AT RICHMOND RD. C/O 1970 MERIVALE ROAD NEPEAN ON K2C 3G2

Database:
GEN

Generator No: ON0453103
Status:

PO Box No:
Country:

Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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

Site: COASTAL CANADA ENERGY LTD. 37-030
CONC.A, RIDEAU FRONT, PT.OF LOT 28 C/O P.O.BOX 5008, STATION F NEPEAN ON K2C 3H3

Database:
GEN

Generator No: ON1516900
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Site: COASTAL CANADA ENERGY LTD.
CONC.A, RIDEAU FRONT, PT.OF LOT 28 NEPEAN ON K2C 3H3

Database:
SPL

Generator No: ON1516900
Status:
Approval Years: 97,98
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Site: BUS
OTTAWA RIVER PKWY & LINCOLN FIELDS MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 58039
Site No:
Incident Dt: 10/1/1991
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:

Environment Impact:	POSSIBLE	Site Municipality:	20101
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/1/1991	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC TRANSPOR BUS - 20-30 L DIESEL FUEL TO GRND WHEN 2 BUSES COLLIDED.		
Contaminant Qty:			

Site: **TEXACO**
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No:	14431	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/2/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/2/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

Site: **National Capital Commission**
Ottawa River Pkwy at the Parkdale Off Ramp West Bound Ottawa ON

Database:
SPL

Ref No:	3376-7TLV2S	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Other Transport Accident	Sector Type:	Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/3/2009	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Spill	Source Type:	

Site Name: Road way<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: MVA: 4 L Oil to Rd and CB
Contaminant Qty: 4 L

Site:
con 1 ON

Database:
WWIS

Well ID:	1534064	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	9/9/2003
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	248010	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	RF
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:	10543179	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	—	East83:	
Code OB Desc:	No formation data	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/12/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11091749
Casing No: 1
Comment:
Alt Name:

Site:
lot 28 ON

Database:
WWIS

Well ID: 1526470
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 120779
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: 8/20/1992
Selected Flag: Yes
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 028
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048176
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 6/18/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064253
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064254
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:

Other Materials:**Mat3:****Other Materials:****Formation Top Depth:** 17**Formation End Depth:** 25**Formation End Depth UOM:** ft**Overburden and Bedrock****Materials Interval****Formation ID:** 931064255**Layer:** 3**Color:** 2**General Color:** GREY**Mat1:** 28**Most Common Material:** SAND**Mat2:** 11**Other Materials:** GRAVEL**Mat3:** 06**Other Materials:** SILT**Formation Top Depth:** 25**Formation End Depth:** 31**Formation End Depth UOM:** ft**Method of Construction & Well****Use****Method Construction ID:****Method Construction Code:** 1**Method Construction:** Cable Tool**Other Method Construction:****Pipe Information****Pipe ID:** 10596746**Casing No:** 1**Comment:****Alt Name:****Construction Record - Casing****Casing ID:** 930084351**Layer:** 3**Material:****Open Hole or Material:****Depth From:****Depth To:** 31**Casing Diameter:** 6**Casing Diameter UOM:** inch**Casing Depth UOM:** ft**Construction Record - Casing****Casing ID:** 930084350**Layer:** 2**Material:** 1**Open Hole or Material:** STEEL**Depth From:****Depth To:** 16**Casing Diameter:** 6**Casing Diameter UOM:** inch**Casing Depth UOM:** ft**Construction Record - Casing**

Casing ID: 930084349
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 20
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326403
Layer: 1
Slot: 010
Screen Top Depth: 16
Screen End Depth: 31
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6

Water Details

Water ID: 933485808
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20
Water Found Depth UOM: ft

Site:
 lot 28 ON

Database:
 WWIS

Well ID: 1527490	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Commerical	Date Received: 10/6/1993
Sec. Water Use: Municipal	Selected Flag: Yes
Final Well Status: Test Hole	Abandonment Rec:
Water Type:	Contractor: 4006
Casing Material:	Form Version: 1
Audit No: 126283	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA-CARLETON
Elevation (m):	Municipality: NEPEAN TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 028
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name: RF
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: 10049129	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB: o	East83:
Code OB Desc: Overburden	North83:
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 9/21/1993	UTMRC Desc: unknown UTM
Remarks:	Location Method: na
Elevrc Desc:	

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066807
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 28
Other Materials: SAND
Mat3: 06
Other Materials: SILT
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066808
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 17
Formation End Depth: 21
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066809
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 30
Other Materials: MEDIUM GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 21
Formation End Depth: 35
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10597699
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085799
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085798
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 25
Casing Diameter: 10
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085800
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 35
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326446
Layer: 1
Slot: 010
Screen Top Depth: 16
Screen End Depth: 36
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 8

Water Details

Water ID: 933486964
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 20
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1528250
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 151799
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: 10/24/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049789
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 10/11/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock **Materials Interval**

Formation ID: 931069085
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 11
Other Materials: GRAVEL
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Overburden and Bedrock **Materials Interval**

Formation ID: 931069086
Layer: 2
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2:

Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 5

Formation End Depth: 10

Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933113108

Layer: 1

Plug From: 1

Plug To: 4

Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933113109

Layer: 2

Plug From: 4

Plug To: 5

Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933113110

Layer: 3

Plug From: 5

Plug To: 10

Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID:

Method Construction Code: 6

Method Construction: Boring

Other Method Construction:

Pipe Information

Pipe ID: 10598359

Casing No: 1

Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930087025

Layer: 1

Material: 5

Open Hole or Material: PLASTIC

Depth From:

Depth To: 10

Casing Diameter: 2

Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326510

Layer: 1
Slot: 100
Screen Top Depth: 5
Screen End Depth: 10
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933487871
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 7
Water Found Depth UOM: ft

Site:
 lot 28 ON

Database:
 WWIS

Well ID:	1526088	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/4/1992
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3701
Casing Material:		Form Version:	1
Audit No:	76366	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
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:	10047822	Elevation:	
DP2BR:	101	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	9/25/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931063180
Layer: 1
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 101
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931063181
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 101
Formation End Depth: 128
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111525
Layer: 1
Plug From: 0
Plug To: 4
Plug Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10596392
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083705
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 128
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083704
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 101
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526088
Pump Set At:
Static Level: 20
Final Level After Pumping:
Recommended Pump Depth: 100
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934650839
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908037
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106265
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389896
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933485288
Layer: 1

Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

Site:
lot 27 ON

Database:
WWIS

Well ID:	1517372	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:		Date Received:	11/13/1980
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2425
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	027
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:	10039247	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/8/1980	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	931034946
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID: 931034947
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 60
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931034948
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 105
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931034949
Layer: 4
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 105
Formation End Depth: 110
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10587817
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068695

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 110
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991517372
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth: 90
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 20
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933473825
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 110
Water Found Depth UOM: ft

Site:

lot 27 ON

Database:
WWIS

Well ID: 1518033
Construction Date:
Primary Water Use: Cooling And A/C
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: 12/13/1982
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 027
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039904
DP2BR: 15
Spatial Status:
Code OB: r
Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 1/29/1982
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931037131
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037128
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037129
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 15
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10588474
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069713
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518033
Pump Set At:
Static Level: 15
Final Level After Pumping: 50
Recommended Pump Depth: 60
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 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: 934377689
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103360
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647523
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896797
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933474659
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1532635
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 235219
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 1/17/2002
Selected Flag: Yes
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF

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: 10523764
DP2BR:
Spatial Status:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 12/5/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11072334
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database:
[WWIS](#)

Well ID: 1528855
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 135092
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: 2/21/1996
Selected Flag: Yes
Abandonment Rec:
Contractor: 6629
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050391

Elevation:

DP2BR:	55	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	6/27/1995	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID: 931071019
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931071018
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 0
Formation End Depth: 25
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931071021
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 94
Formation End Depth: 103
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931071020
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 55
Formation End Depth: 94
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10598961
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088072
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528855
Pump Set At:
Static Level: 30
Final Level After Pumping: 65
Recommended Pump Depth: 90
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 8
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: 15
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934105744

Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389369
Test Type: Draw Down
Test Duration: 30
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907069
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658544
Test Type: Draw Down
Test Duration: 45
Test Level: 65
Test Level UOM: ft

Water Details

Water ID: 933488724
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85
Water Found Depth UOM: ft

Water Details

Water ID: 933488726
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 103
Water Found Depth UOM: ft

Water Details

Water ID: 933488725
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 97
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 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial

[BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:Private [CNG](#)

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Feb 2020

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 2019

Certificates of Property Use:Provincial [CPU](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Mar 31, 2020

Drill Hole Database:Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval). Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2020

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-Mar 31, 2020

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-Apr 30, 2020

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-Jan 31, 2020

Environmental Issues Inventory System:

Federal

[EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

[EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions:Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2019

Fisheries & Oceans Fuel Tanks:Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:Provincial **FSTH**

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:Provincial **GEN**

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2020

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, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Dec 31, 2019

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets 'or Trends' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2020

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 OGSRL Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Mar 31, 2020

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988 - Apr 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 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-Mar 31, 2020

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 clean-up 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-Mar 2020

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, 2020

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-Aug 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Feb 28, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University
M.A.Sc., Environmental Engineering, 2013
B.Eng., Environmental Engineering, 2008

MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)
NSERC Industry R&D Scholarship

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015

Thurber Engineering Limited

Oil Sand Tailings Group
Tailings Engineer

2009 – 2014

Carleton University

Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009

SLR Consulting Limited

Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston
Remediation – National Capital Region, Saskatchewan
Multi-lift and dry-stacking pilot programs – Northern Alberta
Polymer amended oil sand tailings – Northern Alberta
Hydraulic cut-off wall – Allen, Saskatchewan
Cemented paste backfill systems – Northern Ontario

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa